

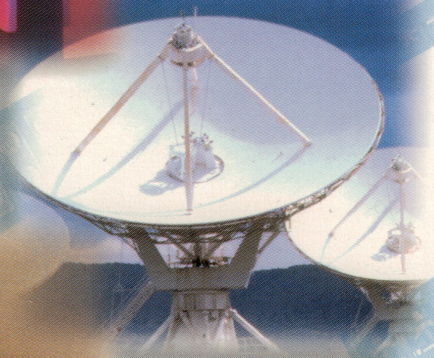
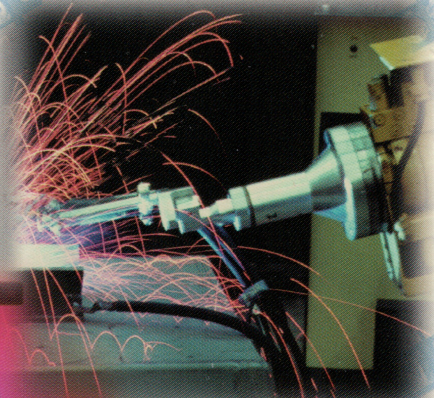
1 9 9 6

Barrier

Terminal

Strip

Catalog



REPRESENTED BY:



**ELECTRO
MARK** INC.

5555 West 78th Street, Suite L
Edina, MN 55439-2702
Telephone (612) 944-5850

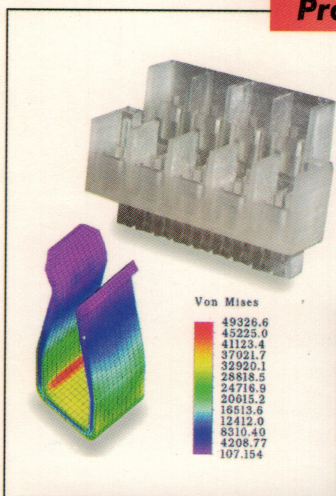
BEAU
INTERCONNECT

Beau Interconnect Defines VALUE

At Beau Interconnect our mission is to provide our customers with industry leading values. We accomplish this goal in four ways:

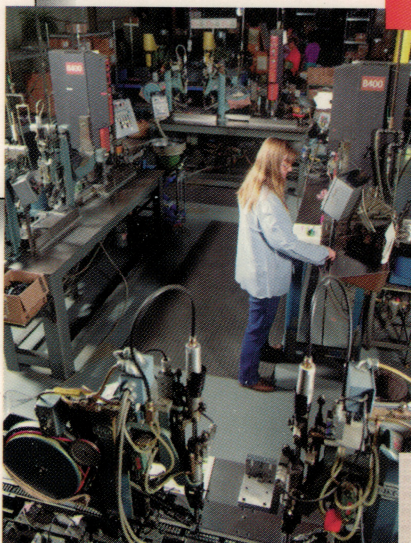
Product Performance

begins with advanced interconnect designs. Extensive use is made of CAD/CAE, solid modeling and rapid prototype techniques which greatly reduce design cycle times and costs. Our in-house tool fabrication capabilities further improve responsiveness, allowing Beau to produce pre-production tooling in days or weeks.



Finite Element Analysis and Laser Stereo Lithography are tools often used by our development team.

One operator in a work cell runs multiple assembly machines. Quick change capability speeds set up of three product series.



Delivery

on-time and ahead of competition is our standard. Beau's vertically integrated component fabrication and assembly operations are optimized using JIT inventory and cellular manufacturing systems. All product orders are assembled to meet the just-in-time needs of our customers. Bar coding of all components and processes speeds our manufacturing systems and insures accuracy.

Quality

and repeatability of all Beau Interconnect products is assured by our ISO 9001 quality system. Beau maintains an unyielding commitment to quality. Statistical process techniques and modern inspection technologies drive our continuous improvement programs.

Service

programs are essential to the Beau Interconnect business philosophy. These programs are key elements of our customer commitment.

Quick Turn Delivery — Beau standard products in 5 working days, upon request.

Quick Sample Service — All standard product samples are shipped within 48 hours.

Quick Fax Service — Dial 888 BEAUINT (232-8468) toll free for immediate product data.

www.beauint.com — Our internet site, on-line July 96, provides up to the minute information on new products, applications, local sales and distribution contacts.

EDI Trading — Lower your total cost of ownership by electronically trading orders, acknowledgments, order changes, invoicing and payments.

TÜV ESSEN CERTIFICATE

TÜV ESSEN hereby certifies that

BEAU INTERCONNECT SYSTEMS
Division of VERNITRON CORPORATION
4 Aviation Drive
Gifford, NH 03246

has established and applies
a quality system for

Design, Manufacture, and Customer Support
of Molded Electrical Connectors

Proof has been furnished that the requirements according to

ISO 9001:1994

are fulfilled.

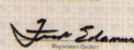
This Certificate is valid until

October 1998

Certificate Registration Number

95R-1079

See Annex October 10, 1995



See Annex October 10, 1995

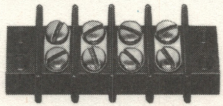
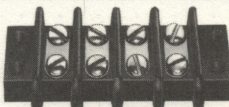
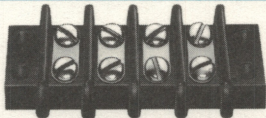
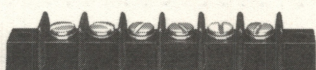
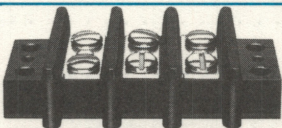
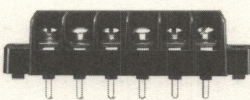
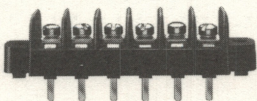
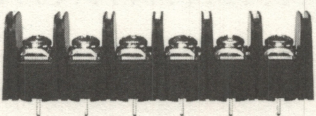
Beau ISO 9001
site certification
from TÜV Essen
October 1995

For more information call:
(888) BEAUINT (232-8468)

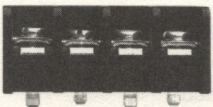
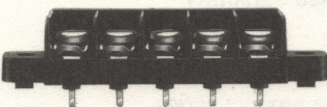
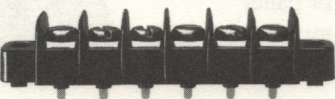
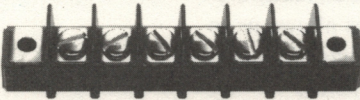
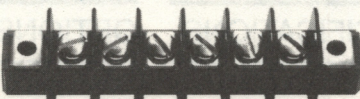
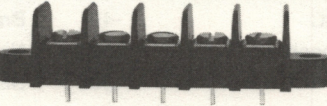
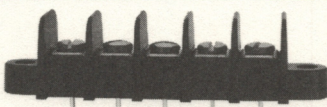
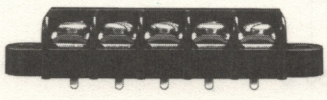
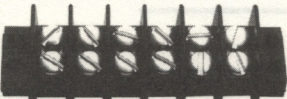
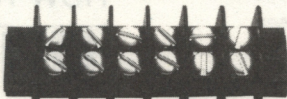
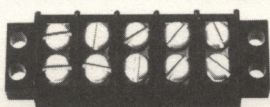
Contents

Company Profile	inside cover
Selection Guide	2
.375" Single Row Phenolic Barrier Terminal Strip	4
.438" Single Row Phenolic Barrier Terminal Strip	6
.375" Double Row Phenolic Barrier Terminal Strip	8
.438" Double Row Phenolic Barrier Terminal Strip	10
.563" Double Row Phenolic Barrier Terminal Strip	12
.688" Double Row Phenolic Barrier Terminal Strip	14
.250" PCB Tri-Barrier Terminal Strip	16
.250" PCB Barrier Terminal Strip	18
.438" PCB Barrier Terminal Strip, 600V	20
.500" PCB Tri-Barrier Terminal Strip, 600V	22
.325" PCB Tri-Barrier Terminal Strip	24
.325" PCB Barrier Terminal Strip	26
.325" Dual Level PCB Barrier Terminal Strip	28
.375" PCB Low Profile Barrier Terminal Strip	30
.375" PCB Barrier Terminal Strip	32
.438" PCB Barrier Terminal Strip	34
.438" PCB Low Profile Barrier Terminal Strip	36
.375" PCB Tri-Barrier Terminal Strip	38
.375" Double Row Barrier Terminal Strip	40
.375" Double Row Low Profile Barrier Terminal Strip	42
.438" Double Row Barrier Terminal Strip	44
Riveted Quick Connect Assemblies	46
Hardware Options	48
Imprinting & Marker Strips	50
Guide to Electrical Ratings	51
Other Products	inside cover

Selection Guide

Series	Style	Spacing	Rating	Page
12		.375	15A, 250V	4, 5
13		.438	15A, 250V	6, 7
14		.375	15A, 125V	8, 9
18		.438	20A, 250V	10, 11
21		.563	30A, 250V	12, 13
24		.375	15A, 250V	46, 47
25		.438	20A, 250V	46, 47
26		.563	30A, 250V	46, 47
28		.688	50A, 250V	14, 15
60		.250	10A, 250V	16, 17
61		.250	10A, 250V	18, 19
63		.438	25A, 600V	20, 21

Selection Guide

Series	Style	Spacing	Rating	Page
66		.500"	45A, 600V	22, 23
69		.325"	20A, 250V	24, 25
70		.325"	20A, 250V	26, 27
70D		.325"	20A, 250V	28, 29
71		.375"	25A, 150V	30, 31
72		.375"	25A, 300V	32, 33
73		.438"	30A, 300V	34, 35
74		.438"	30A, 150V	36, 37
75		.375"	25A, 300V	38, 39
76		.375"	20A, 250V	40, 41
77		.375"	20A, 250V	42, 43
78		.438"	20A, 250V	44, 45

SERIES 12

.375" Phenolic Barrier Terminal Strip

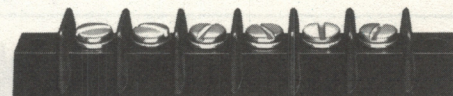
Description

The series 12 phenolic barrier terminal strip is made for years of rugged use. The product features a high quality, precision screw machined terminal and the phenolic insulator is rated for high temperature, 150° C applications. The optional closed bottom construction allows the terminal block to be mounted directly on a panel without shorting.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **High quality**, precision screw machined brass terminal contacts are made to last. Screw machined terminals offer increased durability over formed terminals.
- **Closed bottom and feed-thru** construction allows the product series to be PCB, bulkhead or panel mounted, satisfying any of your applications.
- **High temperature phenolic** insulator out performs many thermoplastic compounds.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

5-40 BINDING HEAD SCREW

UL	Class B	15 Amps @ 250 V 16 AWG
	Class C	15 Amps @ 150 V 16 AWG
CSA	Class B	15 Amps @ 300 V 16 AWG
	Class C	15 Amps @ 300 V 16 AWG

APPROVALS

UL	File No. E48521 Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	8 in-lbs.
Destructive torque	9 in-lbs.
Wire strip length	5/16"
Wire range	16 to 28 AWG

ENVIRONMENTAL

Operating temp	-55° to +150° C
----------------	-----------------

MATERIALS

Insulator	Glass filled phenolic, UL94V-0, green
Terminal	Brass, tin plate
Screws	#5-40, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-49	Brass, slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends

HOW TO ORDER

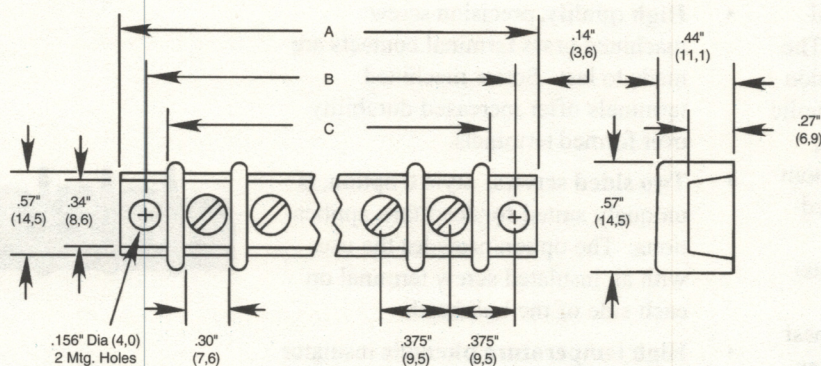
1	2	X	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS			
156	9	2 to 30	(Dash #s above and opposite page)			

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 12



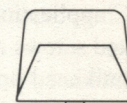
No. of Circuits	A		B		C	
	in.	mm	in.	mm	in.	mm
2	1.41	35.8	1.13	28.7	.89	22.6
3	1.78	45.2	1.50	38.1	1.27	32.1
4	2.16	54.9	1.88	47.8	1.64	41.7
5	2.53	64.3	2.25	57.2	2.02	51.2
6	2.91	73.9	2.63	66.8	2.39	60.7
7	3.28	83.3	3.00	76.2	2.77	70.2
8	3.66	93.0	3.38	85.9	3.14	79.8
9	4.03	102	3.75	95.3	3.52	89.3
10	4.41	112	4.13	105	3.89	98.8
11	4.78	121	4.50	114	4.27	108
12	5.16	131	4.88	124	4.64	118
13	5.53	140	5.25	133	5.02	127
14	5.91	150	5.63	143	5.39	137
15	6.28	160	6.00	152	5.77	146
16	6.66	169	6.38	162	6.14	156
17	7.03	179	6.75	171	6.52	166
18	7.41	188	7.13	181	6.89	175
19	7.78	198	7.50	191	7.27	185
20	8.16	207	7.88	200	7.64	194
21	8.53	217	8.25	210	8.02	204
22	8.91	226	8.63	219	8.39	213
23	9.28	236	9.00	229	8.77	223
24	9.66	245	9.38	238	9.14	232
25	10.03	255	9.75	248	9.52	242
26	10.41	264	10.13	257	9.89	251
27	10.78	274	10.50	267	10.27	261
28	11.16	283	10.88	276	10.64	270
29	11.53	293	11.25	286	11.02	280
30	11.91	303	11.63	295	11.39	289

TERMINAL STYLES

STYLE 1
No PC
Terminal

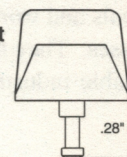


STYLE 5
PC



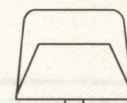
.090" Dia X .125" L
(2,3) (3,2)

STYLE 6
Solder Turret



.28" (7,1)

STYLE 9
PC



.062" Dia X .20" L
(1,6) (5,2)

BEAU

INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 13

.438" Phenolic Barrier Terminal Strip

Description

The series 13 phenolic barrier terminal strip is made for years of rugged use. The product features a high quality, precision screw machined terminal and the phenolic insulator is rated for high temperature, 150° C applications. The top and bottom insulated screws option is ideal for feed-thru, bulkhead applications.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **High quality**, precision screw machined brass terminal contacts are made to last. Screw machined terminals offer increased durability over formed terminals.
- **Two sided screws**, style 0 option, is uniquely suited for feed-thru applications. The option provides the user with an insulated screw terminal on each side of the bulkhead.
- **High temperature phenolic** insulator out performs many thermoplastic compounds.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

6-32 SCREW

UL	Class B	15 Amps @ 250 V 14 AWG
	Class C	15 Amps @ 150 V 14 AWG
CSA	Class B	20 Amps @ 300 V 14 AWG
	Class C	20 Amps @ 300 V 14 AWG

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	12 in-lbs.
Destructive torque	13 in-lbs.
Wire strip length	5/16"
Wire range	14 to 22 AWG

ENVIRONMENTAL

Operating temp	-55° to +150° C
----------------	-----------------

MATERIALS

Insulator	Glass filled phenolic, UL94V-0, green
Terminal	Brass, tin plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-45-56	Stainless steel screw, slotted
-49	Brass, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends

HOW TO ORDER

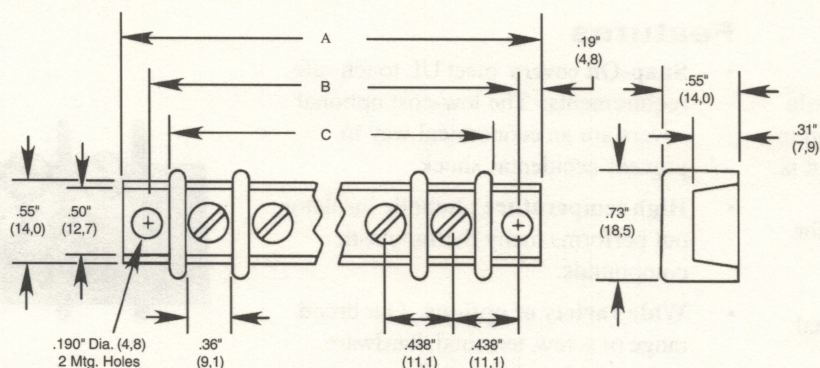
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS
1 3	012	2 to 26	(Dash #s above and opposite page)
X	56		
X			
X			
X			
X			

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 13



No. of Circuits

A

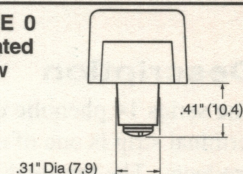
B

C

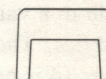
	in.	mm	in.	mm	in.	mm
2	1.69	42,9	1.31	33,3	.98	24,9
3	2.13	54,1	1.75	44,5	1.41	35,8
4	2.56	65,0	2.19	55,6	1.85	47,0
5	3.00	76,2	2.63	66,8	2.29	58,2
6	3.44	87,4	3.06	77,7	2.73	69,3
7	3.88	98,6	3.50	88,9	3.16	80,3
8	4.31	109	3.94	100	3.60	91,4
9	4.75	121	4.38	111	4.04	103
10	5.19	132	4.81	122	4.48	114
11	5.63	143	5.25	133	4.91	125
12	6.06	154	5.69	145	5.35	136
13	6.50	165	6.13	156	5.79	147
14	6.94	176	6.56	167	6.23	158
15	7.38	187	7.00	178	6.66	169
16	7.81	198	7.44	189	7.10	180
17	8.25	210	7.88	200	7.54	192
18	8.69	221	8.31	211	7.98	203
19	9.13	232	8.75	222	8.41	214
20	9.56	243	9.19	233	8.85	225
21	10.00	254	9.63	245	9.29	236
22	10.44	265	10.06	256	9.73	247
23	10.88	276	10.50	267	10.16	258
24	11.31	287	10.94	278	10.60	269
25	11.75	298	11.38	289	11.04	280
26	12.19	310	11.81	300	11.48	292

TERMINAL STYLES

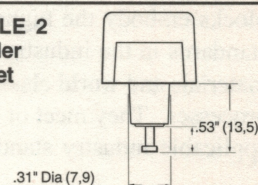
STYLE 0 Insulated Screw



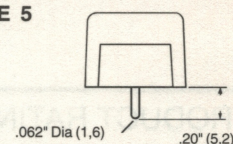
STYLE 1 No PC Terminal



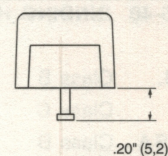
STYLE 2 Solder Turret



STYLE 5 PC



STYLE 6 Solder Turret



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 14

.375" Double Row Phenolic Barrier Terminal Strip

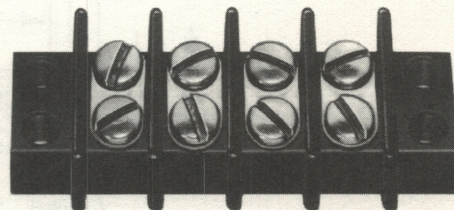
Description

The series 14 phenolic double row terminal strip is one of our most versatile products. The terminal block is offered in feed-thru and open bottom designs and is available in a variety of terminal and screw styles. The available hardware for the series 14 is one of our broadest selections.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Snap-On covers** meet UL touch safe requirements. The low-cost optional covers are an economical way to prevent accidental shock.
- **High temperature phenolic** insulator out performs many thermoplastic compounds.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

#5-40 BINDING HEAD SCREW

UL	Class B	15 Amps @ 125 V 14 AWG
	Class C	10 Amps @ 300 V 14 AWG
CSA	Class B	15 Amps @ 300 V 14 AWG
	Class C	15 Amps @ 300 V 14 AWG

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	8 in-lbs.
Destructive torque	9 in-lbs.
Wire strip length	5/16"
Wire range	14 to 28 AWG

ENVIRONMENTAL

Operating temp	-55° to +150° C
----------------	-----------------

MATERIALS

Insulator	General purpose phenolic, UL94HB, black
Terminal	Brass, nickel plate
Screws	#5-40, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-45-56	Stainless steel screws, slotted
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-60	One row screws supplied unassembled
-61	One row screws not supplied
-66	Bonded marker strip
-C	No mounting ends

HOW TO ORDER

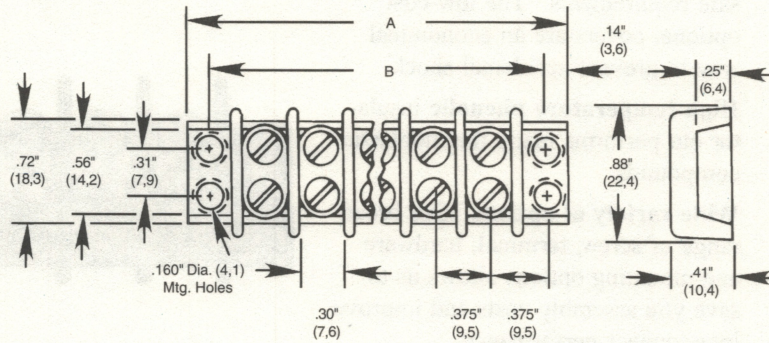
1	4	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS		
	012	2 to 30	(Dash #s above		
	345		and		
	67		opposite page)		

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 14



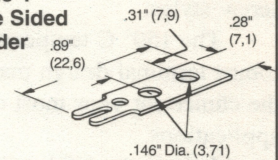
No. of Circuits	A		B	
	in.	mm	in.	mm
2	1.41	35,7	1.13	28,6
3	1.78	45,3	1.50	38,1
4	2.16	54,8	1.88	47,6
5	2.53	64,3	2.25	57,2
6	2.91	73,8	2.63	66,7
7	3.28	83,4	3.00	76,2
8	3.66	92,9	3.38	85,7
9	4.03	102	3.75	95,3
10	4.41	112	4.13	105
11	4.78	121	4.50	114
12	5.16	131	4.88	124
13	5.53	141	5.25	133
14	5.91	150	5.63	143
15	6.28	160	6.00	152
16	6.66	169	6.38	162
17	7.03	179	6.75	171
18	7.41	188	7.13	181
19	7.78	198	7.50	191
20	8.16	207	7.88	200
21	8.53	217	8.25	210
22	8.91	226	8.63	219
23	9.28	236	9.00	229
24	9.66	245	9.38	238
25	10.03	255	9.75	248
26	10.41	264	10.13	257
27	10.78	274	10.50	267
28	11.16	283	10.88	276
29	11.53	293	11.25	286
30	11.91	302	11.63	295

TERMINAL STYLES

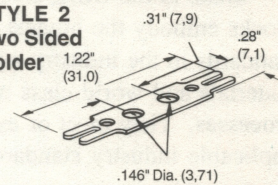
STYLE 0
Screw
Terminal



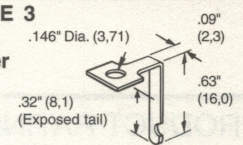
Style 1
One Sided
Solder



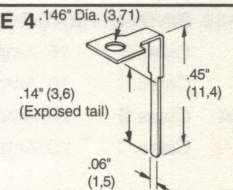
STYLE 2
Two Sided
Solder



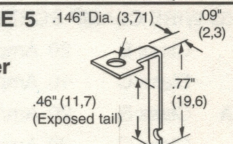
STYLE 3
Short
Solder



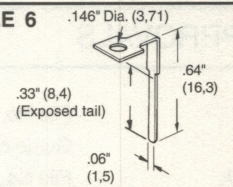
STYLE 4
Short
PC



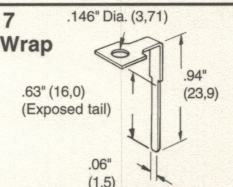
STYLE 5
Long
Solder



STYLE 6
Long
PC



Style 7
Wire Wrap



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 18

.438" Double Row Phenolic Barrier Terminal Strip

Description

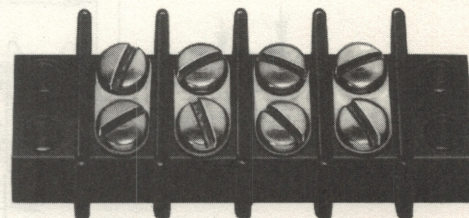
The series 18 phenolic double row terminal strip is one of our most versatile products. The terminal block is offered in feed-thru and open bottom designs and is available in a variety of terminal and screw styles.

The 150° C temperature rating and robust terminal design make the series 18 the choice for your most demanding applications.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Snap-On covers** meet UL touch safe requirements. The low-cost optional covers are an economical way to prevent accidental shock.
- **High temperature phenolic** insulator out performs many thermoplastic compounds.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

#6-32 BINDING HEAD SCREW

UL	Class B	15 Amps @ 250 V	14 AWG
	Class C	10 Amps @ 300 V	14 AWG
CSA	Class B	20 Amps @ 300 V	14 AWG
	Class C	20 Amps @ 300 V	14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V	12 AWG
	Class C	10 Amps @ 300 V	12 AWG
CSA	Class B	20 Amps @ 300 V	12 AWG
	Class C	20 Amps @ 300 V	12 AWG

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	12 in.-lbs.
Destructive torque	13 in.-lbs.
Wire strip length	5/16"
Wire range	12 to 22 AWG

ENVIRONMENTAL

Operating temp	-55° to +150° C
----------------	-----------------

MATERIALS

Insulator	General purpose phenolic, UL94HB, black
Terminal	Brass, nickel plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-45-56	Stainless steel screw, slotted
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-60	One row screws supplied unassembled
-61	One row screws not supplied
-66	Bonded marker strip
-C	No mounting ends

HOW TO ORDER

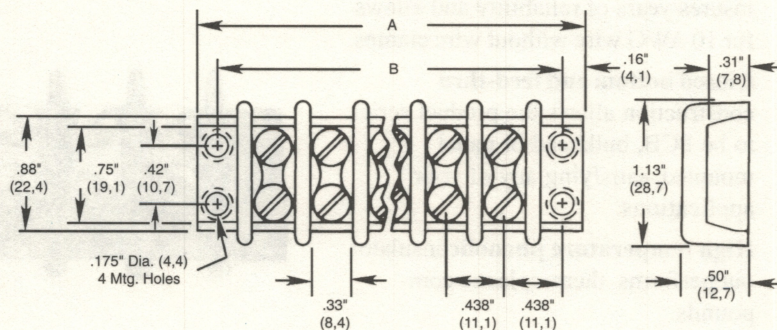
1	8	X	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS			
	0 1 2	2 to 30	(Dash #s above			
	3 5 6		and			
	7		opposite page)			

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 18



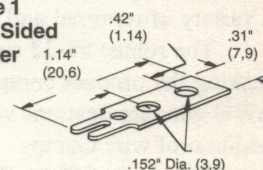
No. of Circuits	A		B	
	in.	mm	in.	mm
2	1.63	41.4	1.31	33.4
3	2.06	52.3	1.75	44.5
4	2.50	63.5	2.19	55.6
5	2.94	74.7	2.63	66.7
6	3.38	85.9	3.06	77.8
7	3.81	96.8	3.50	88.9
8	4.25	108	3.94	100
9	4.69	119	4.38	111
10	5.13	130	4.81	122
11	5.56	141	5.25	133
12	6.00	152	5.69	144
13	6.44	164	6.13	156
14	6.88	175	6.56	167
15	7.31	186	7.00	178
16	7.75	197	7.44	189
17	8.19	208	7.88	200
18	8.63	219	8.31	211
19	9.06	230	8.75	222
20	9.50	241	9.19	233
21	9.94	252	9.63	244
22	10.38	264	10.06	256
23	10.81	275	10.50	267
24	11.25	286	10.94	278
25	11.69	297	11.38	289
26	12.13	308	11.81	300
27	12.56	319	12.25	311
28	13.00	330	12.69	322
29	13.44	341	13.13	333
30	13.88	353	13.56	345

TERMINAL STYLES

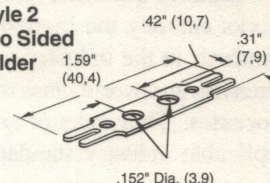
STYLE 0
Screw
Terminal



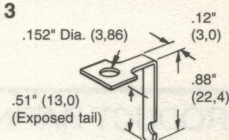
Style 1
One Sided
Solder



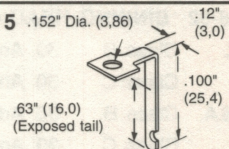
Style 2
Two Sided
Solder



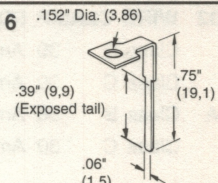
STYLE 3
Short
Solder



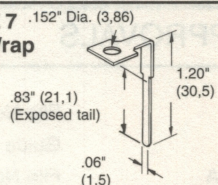
STYLE 5
Long
Solder



STYLE 6
Long
PC



STYLE 7
Wire Wrap



SERIES 21

.563" Double Row Phenolic Barrier Terminal Strip

Description

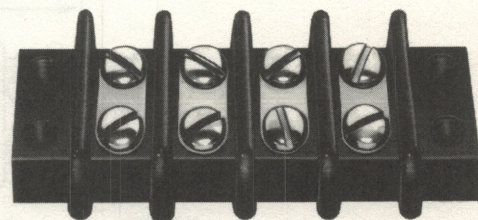
The series 21 phenolic double row terminal strip is a power product rated for 30 Amps @ 300 Volts and 150° C. The terminal block is offered in feed-thru and closed bottom designs and is available in a variety of terminal and screw styles.

The robust #8-32 screw is standard, making the product compatible with 10 AWG wire applications without the addition of wire clamps.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Robust and durable #8-32 screw** insures years of reliability and allows for 10 AWG wire without wire clamps.
- **Closed bottom and feed-thru** construction allows the product series to be PCB, bulkhead or panel mounted, satisfying any of your applications.
- **High temperature phenolic** insulator out performs thermoplastic compounds.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

8-32 BINDING HEAD SCREW

UL	Class B	30 Amps @ 250 V 10 AWG
	Class C	30 Amps @ 300 V 10 AWG
CSA	Class B	30 Amps @ 300 V 10 AWG
	Class C	30 Amps @ 300 V 10 AWG

#8-32 WIRE CLAMP SCREW

UL	Class B	30 Amps @ 250 V 10 AWG
	Class C	30 Amps @ 300 V 10 AWG
CSA	Class B	30 Amps @ 300 V 10 AWG
	Class C	30 Amps @ 300 V 10 AWG

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	16 in.-lbs.
Destructive torque	18 in.-lbs.
Wire strip length	5/16"
Wire range	10 to 18 AWG

ENVIRONMENTAL

Operating temp	-55° to +150° C
----------------	-----------------

OPTIONS

-45	Slotted screw
-45-56	Stainless steel screws, slotted
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-60	One row screws supplied unassembled
-61	One row screws not supplied
-66	Bonded marker strip
-C	No mounting ends
-CB	Closed bottom

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

MATERIALS

Insulator	General purpose phenolic, UL94HB, black
Terminal	Brass, nickel plate
Screws	#8-32, phillips/slotted, steel, zinc chromate plate

HOW TO ORDER

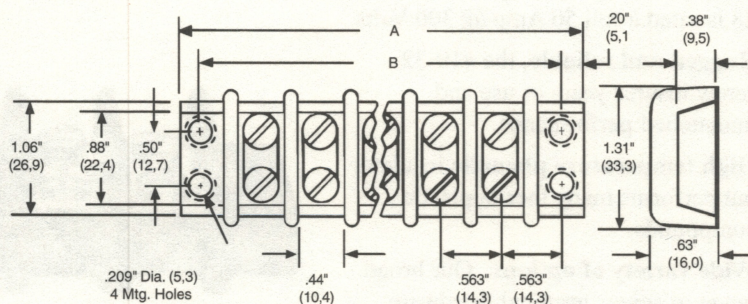
2	1	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS		
	012	2 to 26	(Dash #s above		
	35		and		
			opposite page)		

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 21



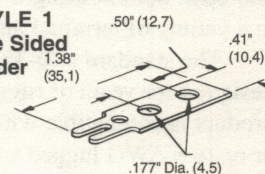
No. of Circuits	A		B	
	in.	mm	in.	mm
2	2.09	53,9	1.69	42,9
3	2.66	67,6	2.25	57,2
4	3.22	81,8	2.81	71,4
5	3.78	96,0	3.38	85,9
6	4.34	110	3.94	100
7	4.91	125	4.50	114
8	5.47	139	5.06	129
9	6.03	153	5.62	143
10	6.59	167	6.19	157
11	7.16	182	6.75	171
12	7.72	196	7.31	186
13	8.28	210	7.88	200
14	8.84	226	8.44	214
15	9.41	239	9.00	229
16	9.97	253	9.56	243
17	10.53	267	10.13	257
18	11.09	282	10.69	272
19	11.66	296	11.25	286
20	12.22	310	11.81	300
21	12.78	326	12.38	314
22	13.34	339	12.94	329
23	13.91	353	13.50	343
24	14.47	368	14.06	357
25	15.03	382	14.63	372
26	15.59	396	15.19	386

TERMINAL STYLES

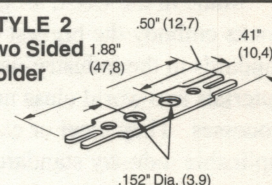
STYLE 0
Screw
Terminal



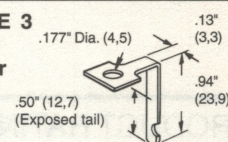
STYLE 1
One Sided
Solder



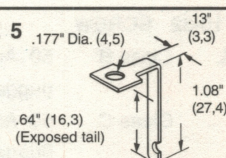
STYLE 2
Two Sided
Solder



STYLE 3
Short
Solder



STYLE 5
Long
Solder



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 28

.688" Double Row Phenolic Barrier Terminal Strip

Description

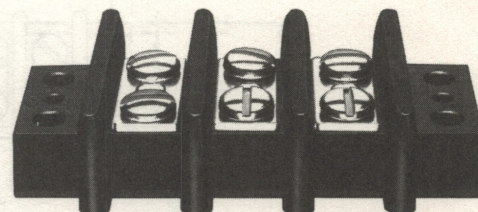
The series 28 phenolic double row terminal strip is our highest power product rated 50 Amps @ 300 Volts and 150° C. The terminal block is offered in feed-thru and open bottom designs and is available in a variety of terminal and screw styles.

The standard #10-32 screw is designed for years of rugged use. The product is compatible with 10 AWG bare or up to 6 AWG lugged wires.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **High power and voltage**, the series 28 is rated a full 50 Amp @ 300 Volts.
- **Rugged and reliable**, the #10-32 screw insures years of use and unmatched performance.
- **High temperature phenolic** insulator out performs many thermoplastic compounds.
- **Wide variety of options**. Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

10-32 SCREW

UL	Class B	50 Amps @ 250 V 6 AWG (lugged)
	Class C	50 Amps @ 150 V 6 AWG (lugged)
CSA	Class B	50 Amps @ 300 V 6 AWG (lugged)

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DVV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	20 in-lbs.
Destructive torque	22 in-lbs.
Wire strip length	5/16"
Wire range	6 AWG lugged - Max

ENVIRONMENTAL

Operating temp	-55° to +150° C
----------------	-----------------

MATERIALS

Insulator	General purpose phenolic, UL94V-0, black
Terminal	Brass, nickel plate
Screws	#10-32, phillips/slotted, brass, nickel plate

OPTIONS

-58	No screws, barrier only
-59	Screws supplied unassembled
-60	One row screws supplied unassembled
-61	One row screws not supplied

HOW TO ORDER

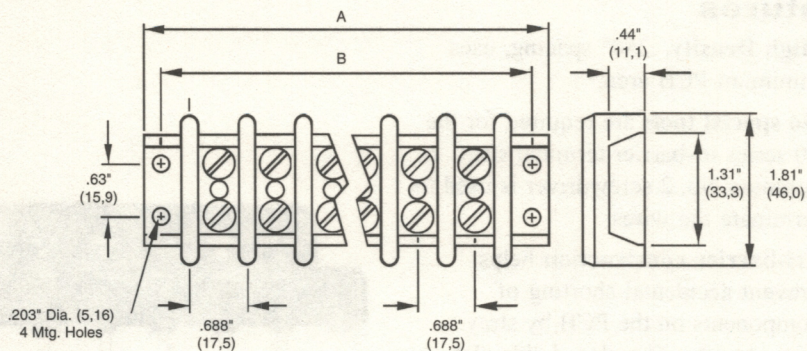
2	8	X	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS			
	0 1 2 3	2 to 12	(Dash #s above and opposite page)			

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 28



No. of Circuits

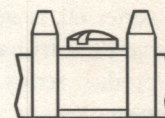
A

B

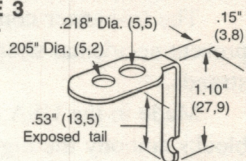
	in.	mm	in.	mm
1	1.81	46.0	1.38	34.9
2	2.50	63.5	2.06	52.4
3	3.19	81.0	2.75	69.9
4	3.88	98.4	3.44	87.3
5	4.56	116	4.13	105
6	5.25	133	4.81	122
7	5.94	151	5.50	140
8	6.63	168	6.19	157
9	7.31	186	6.88	175
10	8.00	203	7.56	192
11	8.69	221	8.25	210
12	9.38	238	8.94	227

TERMINAL STYLES

STYLE 0
Screw
Terminal



STYLE 3
Solder
Short



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 60

.250" PCB Tri-Barrier Terminal Strip

Description

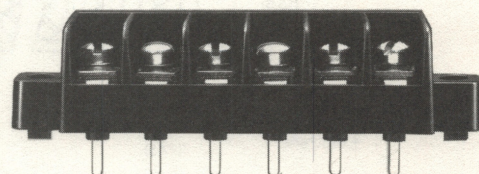
The series 60, is our smallest, highest density, PCB tri-barrier terminal strip. The product series offers an alternative to European designs which require under-sized screwdrivers.

The tri-barrier construction helps prevent accidental shorting of stray wire strands.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry - using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **High Density**, .250" spacing, uses minimum PCB area.
- **No special tools** are required for the 60 series tri-barrier terminal strip. A common No. 2 screwdriver is used to terminate the wires.
- **Tri-barrier construction** helps prevent accidental shorting of components on the PCB by stray wire strands. The closed side also acts as a wire stop simplifying wire termination.



PRODUCT RATINGS

#3-48 FILLISTER HEAD SCREW

UL	Class B	10 Amps @ 250 V 18 AWG
	Class C	10 Amps @ 150 V 18 AWG
CSA	Class B	10 Amps @ 150 V 18 AWG
	Class D	10 Amps @ 150 V 18 AWG

#3-48 WIRE CLAMP SCREW

UL	Class B	10 Amps @ 250 V 18 AWG
	Class C	10 Amps @ 150 V 18 AWG
CSA	Class B	10 Amps @ 150 V 18 AWG
	Class C	10 Amps @ 150 V 18 AWG
	Class D	10 Amps @ 150 V 18 AWG

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	3 in.-lbs.
Destructive torque	3.5 in.-lbs.
Wire strip length	5/16"
Wire range	18 to 22 AWG

ENVIRONMENTAL

Operating temp	-55° to +130°C
----------------	----------------

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, tin-lead plate
Screws	#3-48, phillips/slotted, brass, nickel plate

OPTIONS

-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends
-W	Supplied without standoff pads

HOW TO ORDER

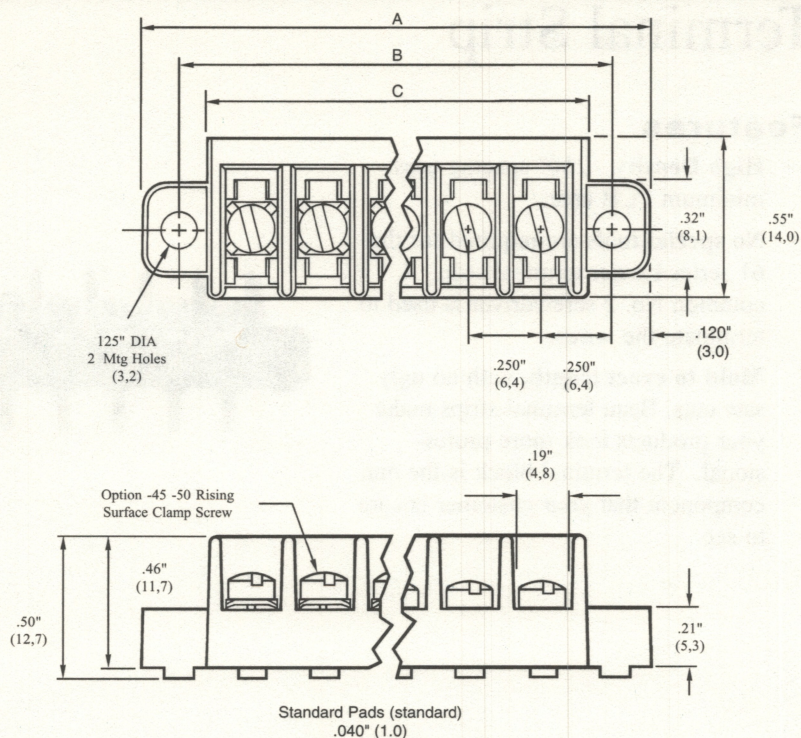
6	0	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS		
	1 5 8	2 to 32	(Dash #s above and opposite page)		

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

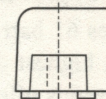
Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 60

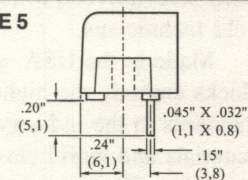


TERMINAL STYLES

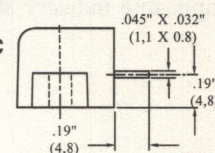
STYLE 1
No PC
Terminal



STYLE 5
PC



STYLE 8
Right
Angle PC



No. of Circuits

A

B

C

in.

mm

in.

mm

in.

mm

2

.99

25,1

.75

19,1

.57

14,5

3

1.24

31,5

1.00

25,4

.82

20,8

4

1.49

37,8

1.25

31,8

1.07

27,2

5

1.74

44,2

1.50

38,1

1.32

33,5

6

1.99

50,5

1.75

44,5

1.57

39,9

7

2.24

56,9

2.00

50,8

1.82

46,2

8

2.49

63,2

2.25

57,2

2.07

52,6

9

2.74

69,6

2.50

63,5

2.32

58,9

10

2.99

75,9

2.75

69,9

2.57

65,3

11

3.24

82,3

3.00

76,2

2.82

71,6

12

3.49

88,6

3.25

82,6

3.07

78,0

13

3.74

95,0

3.50

88,9

3.32

84,3

14

3.99

101

3.75

95,3

3.57

90,7

15

4.24

108

4.00

102

3.82

97,0

16

4.49

114

4.25

108

4.07

103

17

4.74

120

4.50

114

4.32

110

18

4.99

127

4.75

121

4.57

116

19

5.24

133

5.00

127

4.82

122

20

5.49

139

5.25

133

5.07

129

21

5.74

146

5.50

140

5.32

135

22

5.99

152

5.75

146

5.57

141

23

6.24

158

6.00

152

5.82

148

24

6.49

165

6.25

159

6.07

154

25

6.74

171

6.50

165

6.32

161

26

6.99

178

6.75

171

6.57

167

27

7.24

184

7.00

178

6.82

173

28

7.49

190

7.25

184

7.07

180

29

7.74

197

7.50

191

7.32

186

30

7.99

203

7.75

197

7.57

192

31

8.24

209

8.00

203

7.82

199

32

8.49

216

8.25

210

8.07

205

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 61

.250" PCB Barrier Terminal Strip

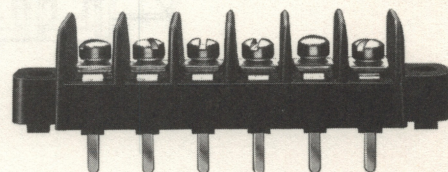
Description

The series 61 barrier terminal strip is our smallest, highest density product. The product series offers an alternative to European designs which require under-sized screwdrivers, often not carried by field technicians.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **High Density**, .250" spacing uses minimum PCB area.
- **No special tools** are required for the 61 series barrier terminal strip. A common No. 2 screwdriver is used to terminate the wires.
- **Mold to exact length**, with no ugly saw cuts, Beau terminal strips make your products look more professional. The terminal block is the one component that your customer is sure to see.



PRODUCT RATINGS

#3-48 SCREW

UL	Class B	10 Amps @ 250 V 18 AWG
	Class C	10 Amps @ 150 V 18 AWG
CSA	Class B	10 Amps @ 150 V 18 AWG
	Class D	10 Amps @ 150 V 18 AWG

CLAMP WASHER #3-48

UL	Class B	10 Amps @ 250 V 18 AWG
	Class C	10 Amps @ 150 V 18 AWG
CSA	Class B	10 Amps @ 150 V 18 AWG
	Class C	10 Amps @ 150 V 18 AWG
	Class D	10 Amps @ 150 V 18 AWG

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	3 in.-lbs.
Destructive torque	3.5 in.-lbs.
Wire strip length	5/16"
Wire range	18 to 22 AWG

ENVIRONMENTAL

Operating temp	-55° to +130° C
----------------	-----------------

OPTIONS

-45	Slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends
-W	Supplied without standoff pads

APPROVALS

UL	File No. E48521 Guide No. XCFR2
CSA	File No. 025562

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, tin-lead plate
Screws	#3-48, phillips/slotted, brass, nickel plate

HOW TO ORDER

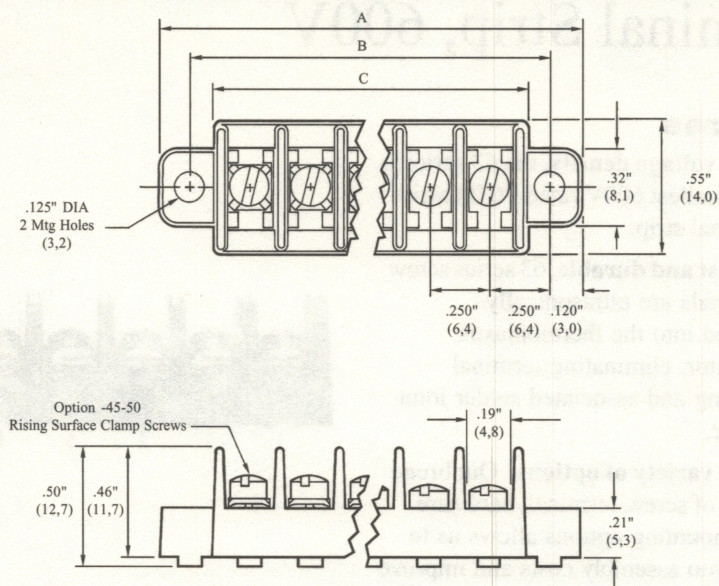
6	1	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS		
	1 5	2 to 32	(Dash #s above and opposite page)		

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

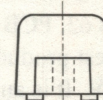
Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 61

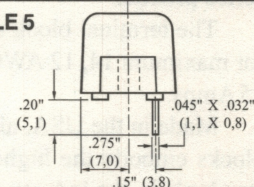


TERMINAL STYLES

STYLE 1
No PC
Terminal



STYLE 5
PC



No. of Circuits

A

B

C

	in.	mm	in.	mm	in.	mm
2	.99	25,1	.75	19,1	.57	14,5
3	1.24	31,5	1.00	25,4	.82	20,8
4	1.49	37,8	1.25	31,8	1.07	27,2
5	1.74	44,2	1.5	38,1	1.32	33,5
6	1.99	50,5	1.75	44,4	1.57	39,9
7	2.24	56,9	2.00	50,8	1.82	46,2
8	2.49	63,2	2.25	57,2	2.07	52,6
9	2.74	69,6	2.50	63,5	2.32	58,9
10	2.99	75,9	2.75	69,9	2.57	65,3
11	3.24	82,3	3.00	76,2	2.82	71,6
12	3.49	88,6	3.25	82,3	3.07	78,0
13	3.74	95,0	3.50	88,9	3.32	84,3
14	3.99	101	3.75	95,2	3.57	90,7
15	4.24	108	4.00	101	3.82	97,0
16	4.49	114	4.25	108	4.07	103
17	4.74	120	4.50	114	4.32	110
18	4.99	127	4.75	121	4.57	116
19	5.24	133	5.00	127	4.82	122
20	5.49	139	5.25	133	5.07	129
21	5.74	146	5.50	140	5.32	135
22	5.99	152	5.75	146	5.57	141
23	6.24	158	6.00	152	5.82	148
24	6.49	165	6.25	159	6.07	154
25	6.74	171	6.50	165	6.32	161
26	6.99	178	6.75	171	6.57	167
27	7.24	184	7.00	178	6.82	173
28	7.49	190	7.25	184	7.07	180
29	7.74	197	7.50	191	7.32	186
30	7.99	203	7.75	197	7.57	192
31	8.24	209	8.00	203	7.82	199
32	8.49	216	8.25	210	8.07	205

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 63

.438" PCB Barrier Terminal Strip, 600V

Description

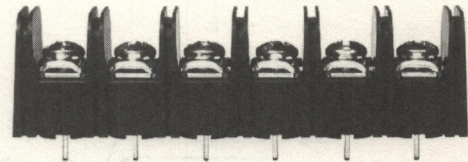
The series 63, PCB barrier terminal strip is our smallest product designed for service up to 600V. It is an economical, lower power alternative to our high power 66 series product.

The terminal block can be configured for maximum 14, 12 AWG wires and up to 25 Amps.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **High voltage density**, the 63 series is our smallest 600V rated PCB barrier terminal strip.
- **Robust and durable**, 63 series screw terminals are ultrasonically welded into the thermoplastic insulator, eliminating terminal twisting and associated solder joint failure.
- **Wide variety of options**. Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

#6-32 BINDING HEAD SCREW

UL	Class B	15 Amps @ 600 V 14 AWG
	Class C	15 Amps @ 600 V 14 AWG
CSA	Class B	20 Amps @ 600 V 14 AWG
	Class C	20 Amps @ 600 V 14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 600 V 12 AWG
	Class C	20 Amps @ 600 V 12 AWG
CSA	Class B	25 Amps @ 600 V 12 AWG
	Class C	25 Amps @ 600 V 12 AWG

NOTE: 3.5M and 4.0M screws carry #6-32 and #8-32 screw ratings respectively.

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	12 in.-lbs.
Destructive torque	13 in.-lbs.
Wire strip length	5/16"
Wire Range	14 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

OPTIONS

-45	Slotted screw
-47	Screws up, wire ready
-45-56	Stainless steel screws, slotted
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends
-M	3.5 M screw, slotted
-V	130°C insulator

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, tin-lead plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

APPROVALS

UL (pending)	File No. E48521 Guide No. XCFR2
CSA (pending)	File No. 025562

HOW TO ORDER

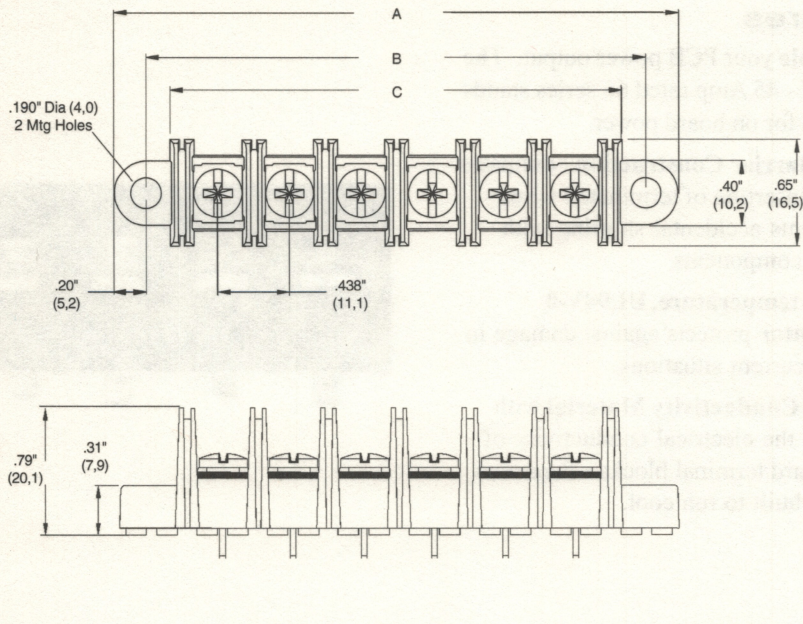
6	3	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS		
	1 5	2 to 16	(Dash #s above and opposite page)		
	6 7				

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 63



No. of Circuits

A

B

C

in.

mm

in.

mm

in.

mm

2

1.71

43,5

1.31

33,4

1.02

25,9

3

2.15

54,6

1.75

44,5

1.46

37,1

4

2.59

65,7

2.19

55,6

1.90

48,3

5

3.02

76,8

2.62

66,7

2.32

59,4

6

3.46

88,0

3.06

77,8

2.77

70,4

7

3.90

99,1

3.50

88,9

3.21

81,5

8

4.34

110

3.94

100

3.65

92,7

9

4.77

121

4.37

111

4.09

104

10

5.21

132

4.81

122

4.52

115

11

5.65

144

5.25

133

4.96

126

12

6.09

155

5.69

144

5.40

137

13

6.52

166

6.12

156

5.84

148

14

6.96

177

6.56

167

6.27

159

15

7.40

188

7.00

178

6.71

170

16

7.84

199

7.44

189

7.15

182

TERMINAL STYLES

STYLE 1 No PC Terminal



STYLE 5 PC

Option X

STD .15" (3,8)



STYLE 6 Solder Turret



STYLE 7 Wire Wrap

STD .47" (11,9)

-75 .705 (17,9)

-81 .77" (19,6)



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 66

.500" PCB Tri-Barrier Terminal Strip, 600V

Description

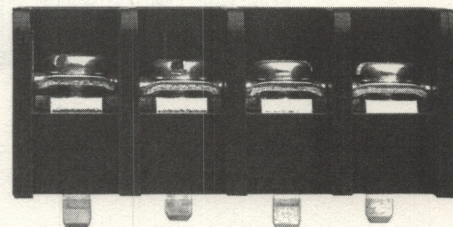
The series 66, PCB tri-barrier terminal strip is today, the only 600 volt, 45 Amp UL and CSA rated terminal block for printed circuit board mounting.

The terminal block provides an economical alternative to bus bars or rail mounted terminal blocks. With the 66 product, electrical equipment manufacturers can now design a PCB assembly with twice the power output.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Double** your PCB power output. The 600V - 45 Amp rated 66 series stands alone for on board power.
- **Tri-Barrier Construction** eliminates over insertion of terminated wires - prevents accidental shorting with PCB components.
- **High temperature, UL94V-0 insulator** protects against damage in over current situations.
- **High Conductivity Material** with twice the electrical conductivity of standard terminal blocks - the series 66 is built to run cool.



PRODUCT RATINGS

M4 WIRE CLAMP SCREW

UL	Class B	45 Amps @ 600 V 8 AWG
	Class C	45 Amps @ 600 V 8 AWG
CSA	Class B	45 Amps @ 600 V 8 AWG
	Class C	45 Amps @ 600 V 8 AWG

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	15000 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	16 in-lbs.
Destructive torque	18 in-lbs.
Wire strip length	5/16"
Wire Range	8 to 18 AWG

ENVIRONMENTAL

Operating temp	-55° to +160° C
----------------	-----------------

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	High copper brass, tin-lead plate
Screws	M4, steel, zinc chromate plate with clamp washer

OPTIONS

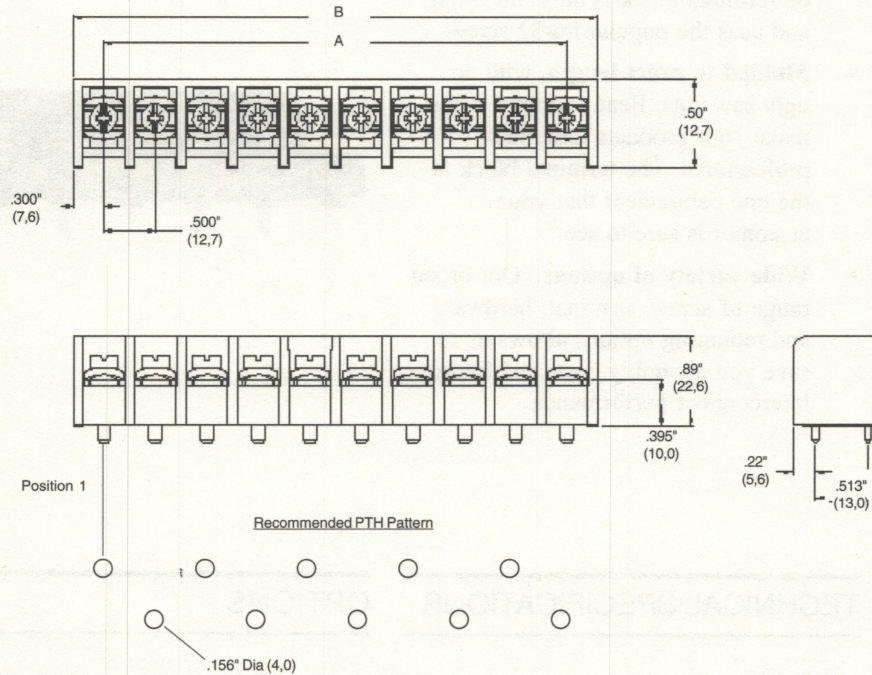
-10A	Sequential numbering
-E	Mounting ends

HOW TO ORDER

6	6	X	X	X	X
SERIES		5	NO. OF POLES		OPTIONS
			2 to 15		(Dash #'s above and opposite page)

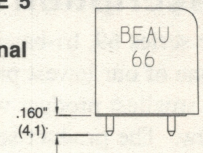
SERIES 66

TERMINAL STYLES



No. of Circuits	A		B	
	in.	mm	in.	mm
2	.50	12,7	1.11	28,2
3	1.00	25,4	1.61	40,9
4	1.50	38,1	2.11	53,6
5	2.00	50,8	2.61	66,3
6	2.50	63,5	3.11	79,0
7	3.00	76,2	3.61	91,7
8	3.50	88,9	4.11	104
9	4.00	102	4.61	117
10	4.50	114	5.11	130
11	5.00	127	5.61	142
12	5.50	139	6.11	155
13	6.00	152	6.61	168
14	6.50	165	7.11	181
15	7.00	178	7.61	193

STYLE 5 PC Terminal



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 69

.325" PCB Tri-Barrier Terminal Strip

Description

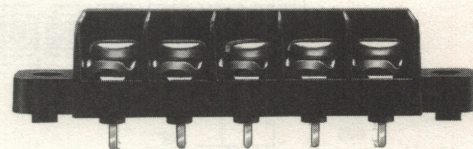
The series 69, tri-barrier PC terminal strip is one of our lowest profile products and our smallest product which uses the #6-32 screw. The product series is available in both vertical and horizontal configurations.

The terminal block can be configured for maximum 14 or 12 AWG wires and up to 20 Amps.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Low profile** and durable, the series 69 terminal block is only .50" high and uses the popular #6-32 screw.
- **Molded to exact length**, with no ugly saw cuts, Beau terminal strips make your products look more professional. The terminal block is the one component that your customer is sure to see.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

6-32 PAN HEAD SCREW

UL	Class B	15 Amps @ 250 V	14 AWG
	Class C	15 Amps @ 150 V	14 AWG
	Class D Ltd.	10 Amps @ 300 V	14 AWG
CSA	Class B	15 Amps @ 300 V	14 AWG
	Class C	15 Amps @ 150 V	14 AWG
	Class D	10 Amps @ 300 V	14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V	12 AWG
	Class C	20 Amps @ 150 V	12 AWG
	Class D Ltd.	10 Amps @ 300 V	12 AWG
CSA	Class B	15 Amps @ 300 V	14 AWG
	Class C	15 Amps @ 150 V	14 AWG
	Class D	10 Amps @ 300 V	14 AWG

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	7 in.-lbs.
Destructive torque	8 in.-lbs.
Wire strip length	5/16"
Wire range	12 to 22 AWG

ENVIRONMENTAL

Operating temp	-55° to +105°C
----------------	----------------

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal Screws	Brass, tin-lead plate #6-32, phillips/slotted, brass, nickel plate

OPTIONS

-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends
-W	Without standoff pads
-V	130°C insulator

APPROVALS

UL	File No. E48521 Guide No. XCFR2
CSA	File No. 025562

HOW TO ORDER

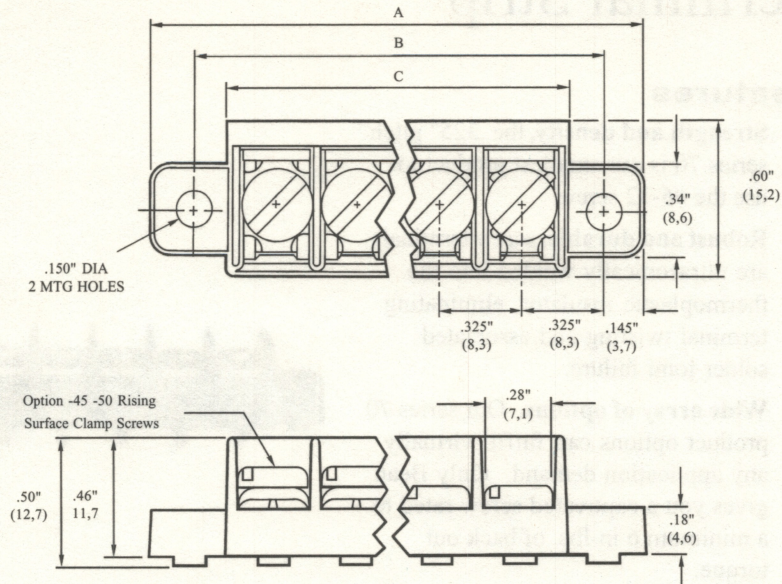
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS
6 9	X X X	X X	
	1 5 7 8	2 to 30	(Dash #s above and opposite page)

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 69



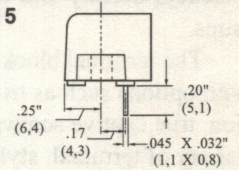
No. of Circuits	A		B		C	
	in.	mm	in.	mm	in.	mm
2	1.27	31,2	.98	24,9	.71	18,0
3	1.59	40,4	1.30	33,0	1.03	26,2
4	1.92	48,8	1.63	41,4	1.36	34,5
5	2.24	56,9	1.95	49,5	1.68	42,7
6	2.57	65,3	2.28	57,9	2.01	51,1
7	2.89	73,4	2.60	66,0	2.33	59,2
8	3.22	81,8	2.93	74,4	2.66	67,6
9	3.54	89,9	3.25	82,6	2.98	75,7
10	3.87	98,3	3.58	90,9	3.31	84,1
11	4.19	106	3.90	99,1	3.63	92,2
12	4.52	115	4.23	107	3.96	101
13	4.84	123	4.55	116	4.28	109
14	5.17	131	4.88	124	4.61	117
15	5.49	139	5.20	132	4.93	125
16	5.82	148	5.53	140	5.26	134
17	6.14	156	5.85	149	5.58	142
18	6.47	164	6.18	157	5.91	150
19	6.79	172	6.50	165	6.23	159
20	7.12	181	6.83	173	6.56	167
21	7.44	189	7.15	182	6.88	175
22	7.77	197	7.48	190	7.21	183
23	8.09	205	7.80	198	7.53	191
24	8.42	214	8.13	207	7.86	200
25	8.74	222	8.45	215	8.18	208
26	9.07	230	8.78	223	8.51	216
27	9.39	239	9.10	231	8.83	224
28	9.72	247	9.43	240	9.16	233
29	10.04	255	9.75	248	9.48	241
30	10.37	263	10.08	256	9.81	249

TERMINAL STYLES

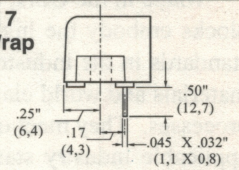
STYLE 1
No PC
Terminal



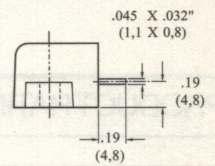
STYLE 5
PC



STYLE 7
Wire Wrap



STYLE 8
Right
Angle



SERIES 70

.325" PCB Barrier Terminal Strip

Description

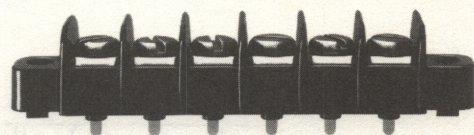
The series 70 PCB terminal strip is one of the most widely used terminal block products today. The .325" terminal pitch and the #6-32 screw offers the user excellent density and durability characteristics.

The terminal block is highly versatile, with options such as tri-barrier construction, true captive screws and a wide variety of terminal styles.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Strength and density**, the .325" pitch series 70 is our smallest product to use the #6-32 screw.
- **Robust and durable**, screw terminals are ultrasonically welded into the thermoplastic insulator, eliminating terminal twisting and associated solder joint failure.
- **Wide array of options**. Our series 70 product options can fulfill virtually any application demand. Only Beau gives you a captivated screw rated to a minimum 6 in-lbs. of back out torque.



PRODUCT RATINGS

6-32 PAN HEAD SCREW

UL	Class B	15 Amps @ 250 V 14 AWG
	Class C	15 Amps @ 150 V 14 AWG
CSA	Class B	15 Amps @ 150 V 14 AWG
	Class D	10 Amps @ 300 V 14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V 12 AWG
	Class C	20 Amps @ 150 V 12 AWG
CSA	Class B	15 Amps @ 150 V 14 AWG
	Class D	10 Amps @ 300 V 14 AWG

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	8500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	12 in-lbs.
Destructive torque	13 in-lbs.
Wire strip length	5/16"
Wire range	12 to 22 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, tin-lead plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends
-CS	Closed side
-P	.040" standoff pads
-V	130°C insulator

HOW TO ORDER

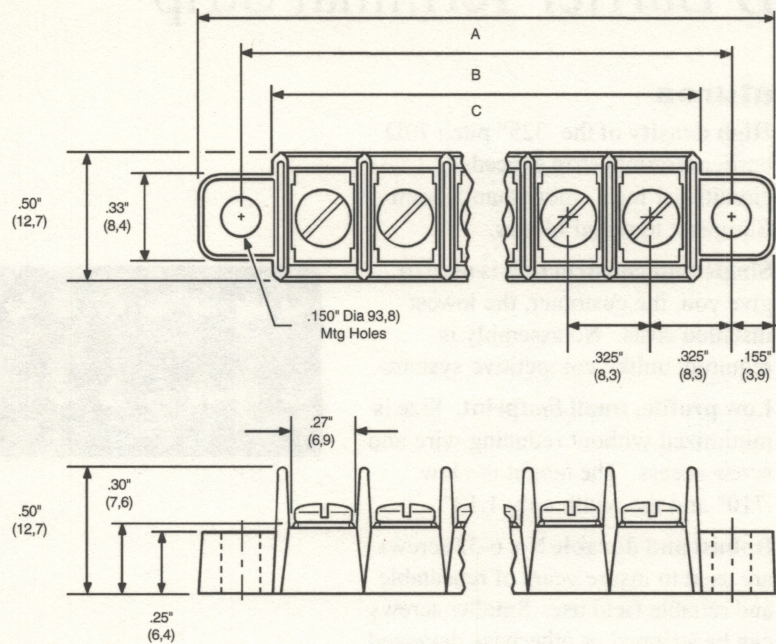
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS
7 0	X	X X	X X
	1 5 7	2 to 30	(Dash #s above and opposite page)
	8		

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 70



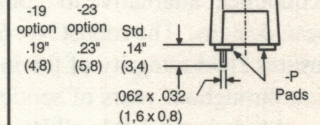
No. of Circuits	A		B		C	
	in.	mm	in.	mm	in.	mm
2	1.29	32,8	.98	24,9	.73	18,5
3	1.61	40,9	1.30	33,0	1.06	26,9
4	1.94	49,3	1.63	41,4	1.38	35,1
5	2.26	57,4	1.95	49,5	1.70	43,2
6	2.59	65,8	2.28	57,9	2.03	51,2
7	2.91	73,9	2.60	66,0	2.35	59,7
8	3.24	82,3	2.93	74,4	2.68	68,1
9	3.56	90,4	3.25	82,6	3.00	76,2
10	3.89	98,8	3.58	90,9	3.33	84,6
11	4.21	107	3.90	99,1	3.65	92,7
12	4.54	115	4.23	107	3.98	101
13	4.86	123	4.55	116	4.30	109
14	5.19	132	4.88	124	4.63	118
15	5.51	140	5.20	132	4.95	126
16	5.84	148	5.53	140	5.28	134
17	6.16	156	5.85	149	5.60	142
18	6.49	165	6.18	157	5.93	151
19	6.81	173	6.50	165	6.25	159
20	7.14	181	6.83	173	6.58	167
21	7.46	189	7.15	182	6.90	175
22	7.79	198	7.48	190	7.23	184
23	8.11	206	7.80	198	7.55	192
24	8.44	214	8.13	207	7.88	200
25	8.76	223	8.45	215	8.20	208
26	9.09	231	8.78	223	8.53	217
27	9.41	239	9.10	231	8.85	225
28	9.74	247	9.43	240	9.18	233
29	10.06	256	9.75	248	9.50	241
30	10.39	263	10.08	256	9.83	250

TERMINAL STYLES

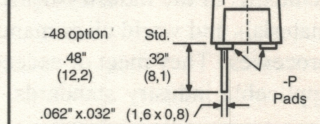
STYLE 1
No PC
Terminal



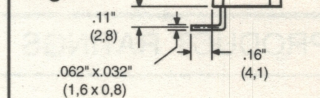
STYLE 5
PC



STYLE 7
Wire Wrap



STYLE 8
Right
Angle PC



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 70 D

.325" Dual Level PCB Barrier Terminal Strip

Description

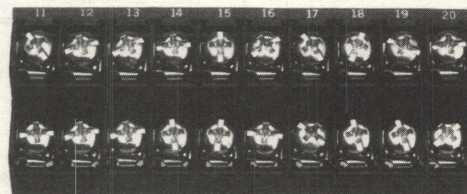
The series 70D, dual level PCB barrier terminal strip is of single piece construction providing two rows of interconnection in the length of a standard .325" terminal block.

The terminal block provides an economical alternative to 5.0mm European designs. The robust No. 6-32 screw insures field integrity of the interconnection throughout years of service.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **High density** of the .325" pitch 70D barrier terminal strip exceeds 6 circuits per inch - more than 5.0mm European terminal blocks.
- **Single unit construction** is used to give you, the customer, the lowest installed costs. No assembly is required, unlike competitive systems.
- **Low profile, small footprint.** Size is minimized without reducing wire and screw access. The height is a low .710" and the width only 1.13".
- **Robust and durable** No. 6-32 screws are used to insure years of repeatable and reliable field use. Smaller screws can be stripped or otherwise damaged when used.



PRODUCT RATINGS

6-32 BINDING HEAD SCREW

UL	Class B	15 Amps @ 250 V	14 AWG
	Class C	15 Amps @ 150 V	14 AWG
CSA	Class B	15 Amps @ 150 V	14 AWG
	Class C	10 Amps @ 300 V	14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V	12 AWG
	Class C	20 Amps @ 150 V	12 AWG
CSA	Class B	15 Amps @ 150 V	12 AWG
	Class C	10 Amps @ 300 V	12 AWG

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	6500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	12 in-lbs.
Destructive torque	13 in-lbs.
Wire strip length	5/16"
Wire range	12 to 22 AWG

ENVIRONMENTAL

Operating temp	-55° to +160° C
----------------	-----------------

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, tin-lead plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screws
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-88	Flat washer, posi-drive/slotted, 3.5m
-T	Captive screws

HOW TO ORDER

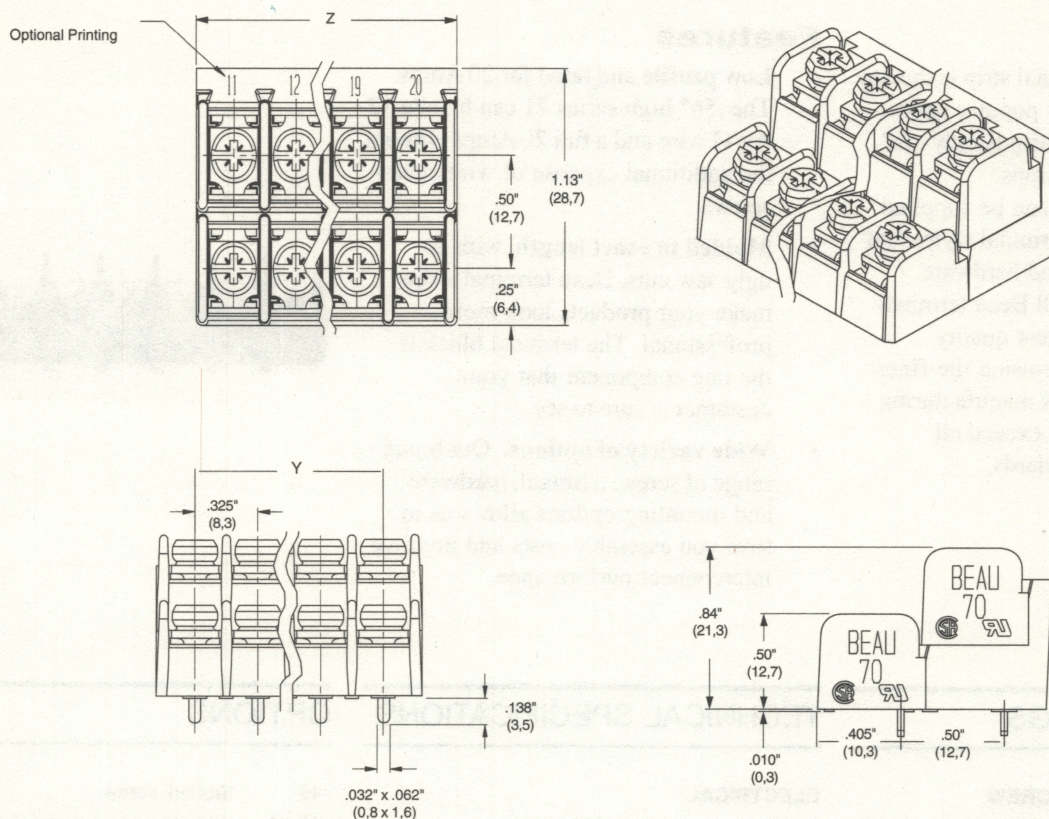
7	0	D	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS			
		4 to 24	(Dash #s above and opposite page)			

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 70 D



No. of Circuits

Y

Z

	in.	mm	in.	mm
4	.325	8,3	.729	18,4
6	.650	16,5	1.054	26,7
8	.975	24,8	1.379	34,9
10	1.300	33,0	1.704	43,2
12	1.625	41,3	2.029	51,4
14	1.950	49,5	2.354	59,7
16	2.275	57,8	2.679	67,9
18	2.600	66,0	3.004	76,2
20	2.925	74,3	3.329	84,5
22	3.250	82,6	3.654	92,7
24	3.575	90,8	3.979	101

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 71

.375" PCB Low Profile Barrier Terminal Strip

Description

The series 71 PCB terminal strip is the low profile alternative to our popular series 72. The .375" terminal strip is only .56" high yet is rated for 20 Amps.

The terminal block can be supplied with a wide variety of terminal styles and lengths, screw options and hardware.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Low profile** and rated for 20 Amps. The .56" high series 71 can handle 12 AWG wire and a full 20 Amps without the additional expense of wire clamp screws.
- **Molded to exact length**, with no ugly saw cuts, Beau terminal strips make your products look more professional. The terminal block is the one component that your customer is sure to see.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

6-32 BINDING HEAD SCREW

UL	Class B	15 Amps @ 250 V 14 AWG
	Class C	15 Amps @ 150 V 14 AWG
CSA	Class B	20 Amps @ 150 V 14 AWG
	Class C	20 Amps @ 150 V 14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V 12 AWG
	Class C	20 Amps @ 150 V 12 AWG
CSA	Class B	25 Amps @ 150 V 12 AWG
	Class C	25 Amps @ 150 V 12 AWG

NRTL/C

Class B	25 Amps @ 150 V 12 AWG
Class C	25 Amps @ 150 V 12 AWG

NOTE: 3.5M and 4.0M screws carry #6-32 and #8-32 screw ratings respectively.

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	12 in.-lbs.
Destructive torque	13 in.-lbs.
Wire strip length	5/16"
Wire range	12 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105°C
----------------	----------------

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, tin-lead plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-45-56	Stainless steel screws, slotted
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends
-E	Solid mounting ends
-F	Rap-attach mounts
-M	3.5 M screw, slotted
-P	.040" standoff pads
-V	130°C insulator

HOW TO ORDER

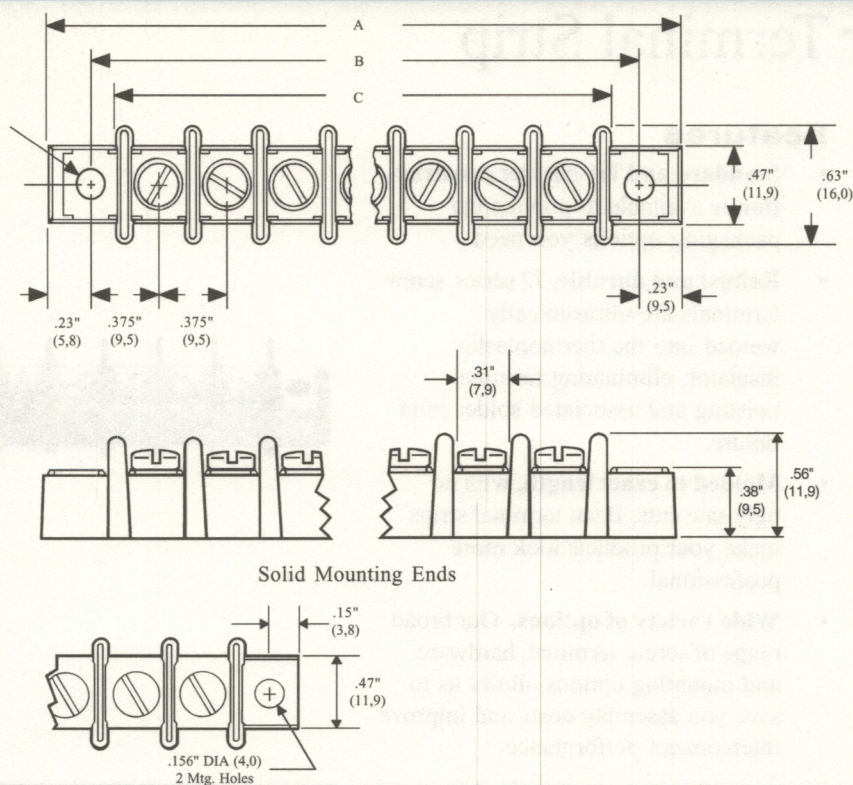
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS
7	1	X	X X
	1 2 3	2 to 26	(Dash #s above and opposite page)
	5 6 7		
	8 9		

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 71



Solid Mounting Ends

No. of Circuits

A

B

C

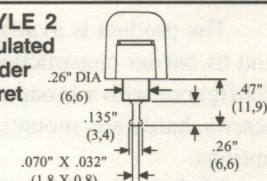
	in.	mm	in.	mm	in.	mm
2	1.58	40,1	1.13	28,7	.832	21,1
3	1.96	49,8	1.50	38,1	1.21	30,7
4	2.33	59,2	1.88	47,8	1.58	40,1
5	2.71	68,8	2.25	57,2	1.96	49,8
6	3.08	78,2	2.63	66,8	2.33	59,2
7	3.46	87,9	3.00	76,2	2.71	68,8
8	3.83	97,3	3.38	85,9	3.08	78,2
9	4.21	107	3.75	95,3	3.46	87,9
10	4.58	116	4.13	105	3.83	97,3
11	4.96	126	4.50	114	4.21	107
12	5.33	135	4.88	124	4.58	116
13	5.71	145	5.25	133	4.96	126
14	6.08	154	5.63	143	5.33	135
15	6.46	164	6.00	152	5.71	145
16	6.83	173	6.38	162	6.08	154
17	7.21	183	6.75	171	6.46	164
18	7.58	193	7.13	181	6.83	173
19	7.96	202	7.50	191	7.21	183
20	8.33	212	7.88	200	7.58	193
21	8.71	221	8.25	210	7.96	202
22	9.08	231	8.63	219	8.33	212
23	9.46	240	9.00	229	8.71	221
24	9.83	250	9.38	238	9.08	231
25	10.21	259	9.75	248	9.46	240
26	10.58	269	10.13	257	9.83	250

TERMINAL STYLES

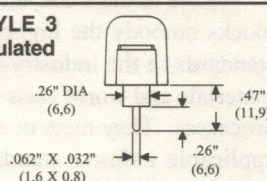
STYLE 1
No PC
Terminal



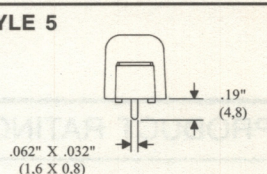
STYLE 2
Insulated
Solder
Turret



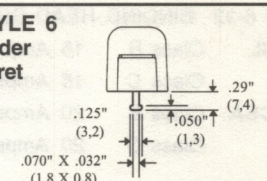
STYLE 3
Insulated
PC



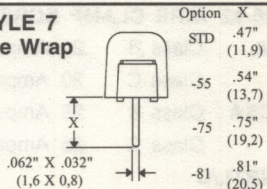
STYLE 5
PC



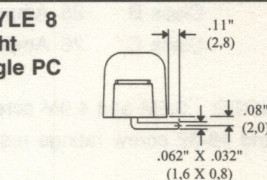
STYLE 6
Solder
Turret



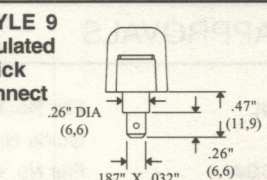
STYLE 7
Wire Wrap



STYLE 8
Right
Angle PC



STYLE 9
Insulated
Quick
Connect



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 72

.375" PCB Barrier Terminal Strip

Description

The series 72 PCB terminal strip is a workhorse and our most popular product series. The product can be configured from 15 to 25 Amps and from 150 to 300 Volts.

The product is available in standard and tri-barrier construction and can be configured with a broad selection of screws, hardware, mounting and terminal options.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Standard and Tri-barrier construction** is available to provide the packaging options you need.
- **Robust and durable**, 72 series screw terminals are ultrasonically welded into the thermoplastic insulator, eliminating terminal twisting and associated solder joint failure.
- **Molded to exact length**, with no ugly saw cuts, Beau terminal strips make your products look more professional.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

6-32 BINDING HEAD SCREW

UL	Class B	15 Amps @ 250 V 14 AWG
	Class C	15 Amps @ 150 V 14 AWG
CSA	Class B	20 Amps @ 300 V 14 AWG
	Class C	20 Amps @ 300 V 14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V 12 AWG
	Class C	20 Amps @ 150 V 12 AWG
CSA	Class B	25 Amps @ 300 V 12 AWG
	Class C	25 Amps @ 300 V 12 AWG

NRTL/C

Class B	25 Amps @ 300 V 12 AWG
Class C	25 Amps @ 300 V 12 AWG

NOTE: 3.5M and 4.0M screws carry #6-32 and #8-32 screw ratings respectively.

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	12 in.-lbs.
Destructive torque	13 in.-lbs.
Wire strip length	5/16"
Wire range	12 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, tin-lead plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-45-56	Stainless steel screw, slotted
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends
-CS	Closed side
-E	Solid mounting ends
-F	Rap-attach mounts
-H	Hinged cover
-M	3.5 M screw, slotted
-P	.040" standoff pads
-V	130°C insulator

HOW TO ORDER

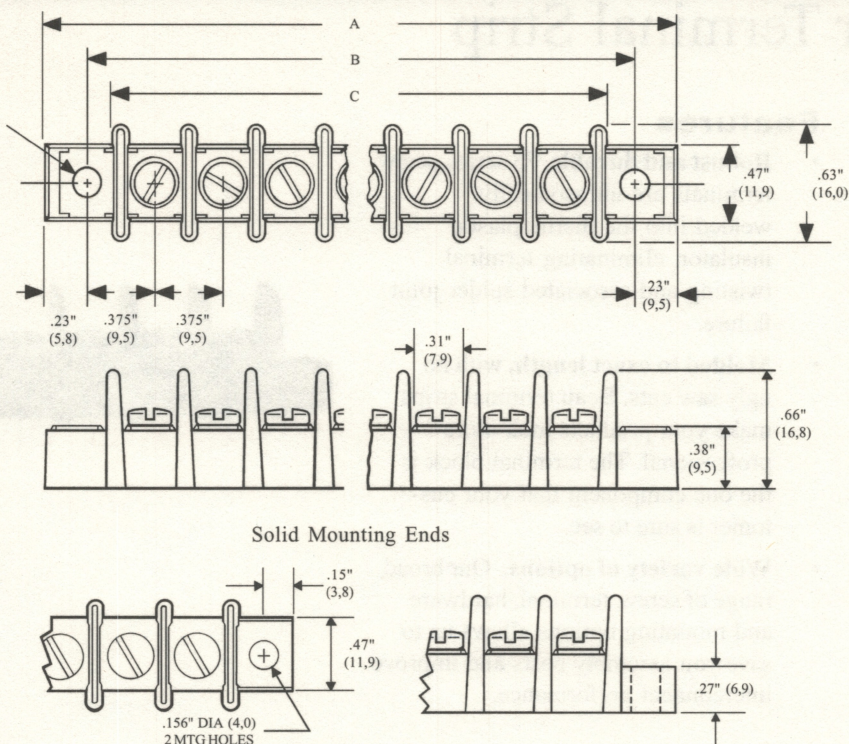
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS
7	2	X	X X
	123	2 to 26	(Dash #s above and opposite page)
	567		
	89		

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 72



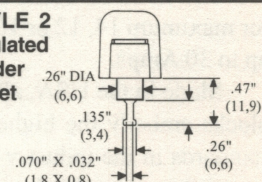
No. of Circuits	A		B		C	
	in.	mm	in.	mm	in.	mm
2	1.58	78,3	1.13	28,6	.83	21,1
3	1.96	49,7	1.50	38,1	1.21	30,7
4	2.33	59,2	1.88	47,6	1.58	40,2
5	2.71	68,8	2.25	57,2	1.96	49,7
6	3.08	78,3	2.63	66,7	2.33	59,2
7	3.46	87,8	3.00	76,2	2.71	68,8
8	3.83	97,3	3.38	85,7	3.08	78,3
9	4.21	107	3.75	95,3	3.46	87,8
10	4.58	116	4.13	105	3.83	97,3
11	4.96	126	4.50	114	4.21	107
12	5.33	135	4.88	124	4.58	116
13	5.71	145	5.25	133	4.96	126
14	6.08	154	5.63	143	5.33	135
15	6.46	164	6.00	152	5.71	145
16	6.83	174	6.38	162	6.08	154
17	7.21	183	6.75	171	6.46	164
18	7.58	193	7.13	181	6.83	174
19	7.96	202	7.50	191	7.21	183
20	8.33	212	7.88	200	7.58	193
21	8.71	221	8.25	210	7.96	202
22	9.08	231	8.63	219	8.33	212
23	9.46	240	9.00	229	8.71	221
24	9.83	250	9.38	238	9.08	231
25	10.21	259	9.75	248	9.46	240
26	10.58	269	10.13	257	9.83	250

TERMINAL STYLES

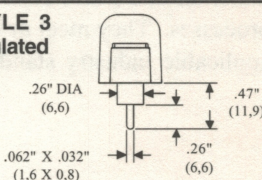
STYLE 1
No PC
Terminal



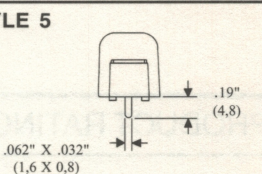
STYLE 2
Insulated
Solder
Turret



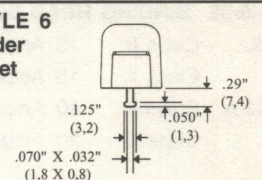
STYLE 3
Insulated
PC



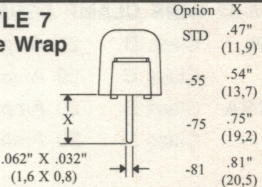
STYLE 5
PC



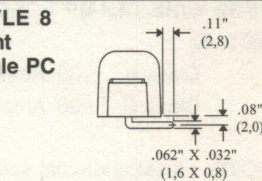
STYLE 6
Solder
Turret



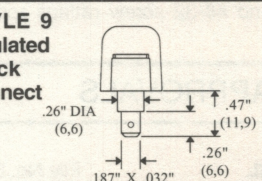
STYLE 7
Wire Wrap



STYLE 8
Right
Angle PC



STYLE 9
Insulated
Quick
Connect



SERIES 73

.438" PCB Barrier Terminal Strip

Description

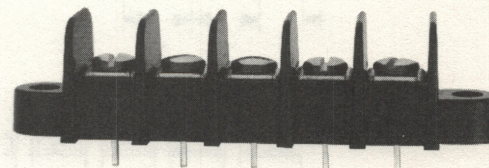
The series 73, PCB barrier terminal strip is one of our most versatile product series offering a broad range of screw, terminal and hardware options.

The terminal block can be configured for maximum 14, 12 or 10 AWG wires and up to 30 Amps.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Robust and durable**, 73 series screw terminals are ultrasonically welded into the thermoplastic insulator, eliminating terminal twisting and associated solder joint failure.
- **Molded to exact length**, with no ugly saw cuts, Beau terminal strips make your products look more professional. The terminal block is the one component that your customer is sure to see.
- **Wide variety of options**. Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

6-32 BINDING HEAD SCREW

UL	Class B	15 Amps @ 250 V 14 AWG
	Class C	15 Amps @ 300 V 14 AWG
CSA	Class B	20 Amps @ 300 V 14 AWG
	Class C	20 Amps @ 300 V 14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V 12 AWG
	Class C	20 Amps @ 300 V 12 AWG
CSA	Class B	20 Amps @ 300 V 12 AWG
	Class C	20 Amps @ 300 V 12 AWG

#8-32 WIRE CLAMP SCREW

NRTL/C

Class B	30 Amps @ 300 V 10 AWG
Class C	30 Amps @ 300 V 10 AWG

NOTE: 3.5M and 4.0M screws carry #6-32 and #8-32 screw ratings respectively.

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	8 in.-lbs.
Destructive torque	13 in.-lbs.
Wire strip length	5/16"
Wire range	10 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, tin-lead plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-47	Screws up, wire ready
-45-56	Stainless steel screws, slotted
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-A	Oversize screws, #8-32 slotted
-C	No mounting ends
-F	Rap-attach mounts
-M	3.5 M screw, slotted
-P	.040" standoff pads
-V	130°C insulator

HOW TO ORDER

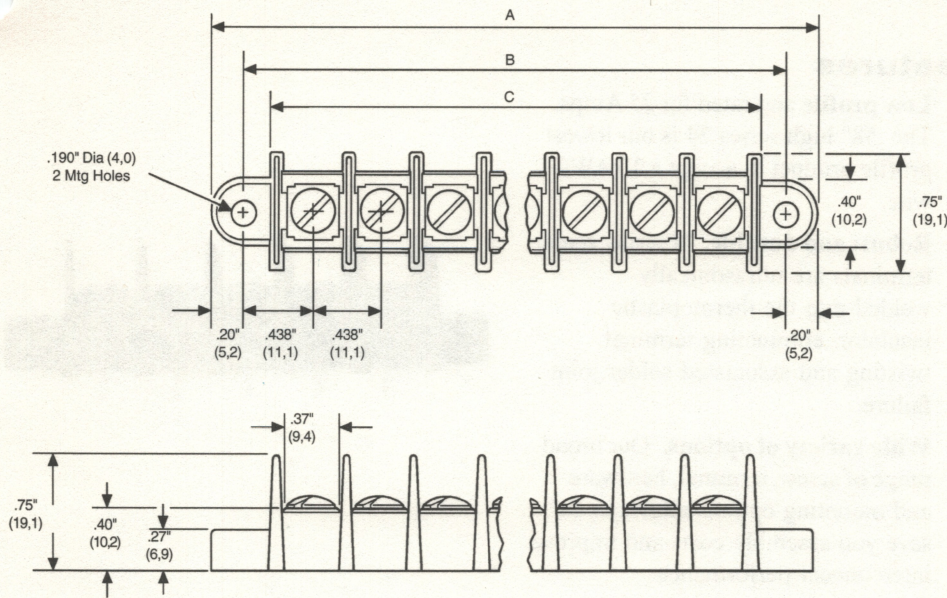
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS
7 3	X	X X	X X
	123	2 to 30	(Dash #s above and opposite page)
	567		
	89		

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 73



No. of Circuits

A

B

C

in.

mm

in.

mm

in.

mm

2

1.71

43,5

1.31

33,4

.97

24,6

3

2.15

54,6

1.75

44,5

1.40

35,7

4

2.59

65,7

2.19

55,6

1.84

46,8

5

3.03

76,8

2.63

66,7

2.28

57,9

6

3.46

88,0

3.06

77,8

2.72

69,0

7

3.90

99,1

3.50

88,9

3.15

80,1

8

4.34

110

3.94

100

3.59

91,2

9

4.78

121

4.38

111

4.03

102

10

5.21

132

4.81

122

4.47

113

11

5.65

144

5.25

133

4.90

125

12

6.09

155

5.69

144

5.34

136

13

6.53

166

6.13

156

5.78

147

14

6.96

177

6.56

167

6.22

158

15

7.40

188

7.00

178

6.65

169

16

7.84

199

7.44

189

7.09

180

17

8.28

210

7.88

200

7.53

191

18

8.71

221

8.31

211

7.97

202

19

9.15

232

8.75

222

8.40

213

20

9.59

244

9.19

233

8.84

225

21

10.03

255

9.63

244

9.28

236

22

10.46

266

10.06

256

9.72

247

23

10.90

277

10.50

267

10.15

258

24

11.34

288

10.94

278

10.59

269

25

11.78

299

11.38

289

11.03

280

26

12.22

310

11.81

300

11.47

291

27

12.65

321

12.25

311

11.90

302

28

13.09

332

12.69

322

12.34

313

29

13.53

344

13.13

333

12.78

325

30

13.96

355

13.56

345

13.22

336

TERMINAL STYLES

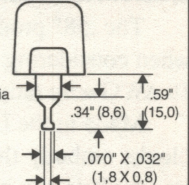
STYLE 1

No PC
Terminal



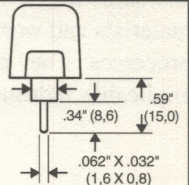
STYLE 2

Insulated
Solder
Turret



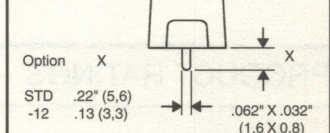
STYLE 3

Insulated
PC



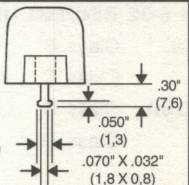
STYLE 5

PC



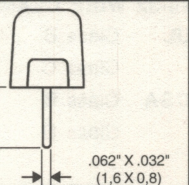
STYLE 6

Solder
Turret



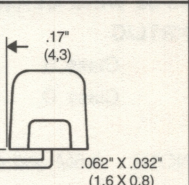
STYLE 7

Wire Wrap



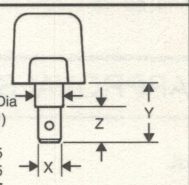
STYLE 8

Right
Angle PC



STYLE 9

Insulated
Quick
Connect



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 74

.438" PCB Low Profile Barrier Terminal Strip

Description

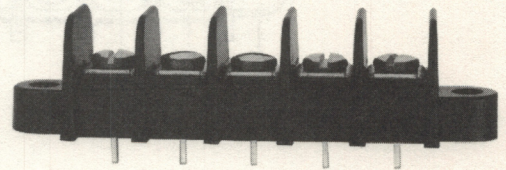
The series 74 PCB barrier terminal strip is the low profile version of our popular series 73 terminal block. The product series is available with the broad selection of screw, terminal and hardware options.

The .58" product height is very low when considering the maximum 25 Amp, 10 AWG wire rating.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Low profile** and rated for 25 Amps. The .58" high series 74 is our lowest profile product to accept a 10 AWG wire.
- **Robust and durable**, 74 series screw terminals are ultrasonically welded into the thermoplastic insulator, eliminating terminal twisting and associated solder joint failure.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

6-32 BINDING HEAD SCREW

UL	Class B	15 Amps @ 250 V 14 AWG
	Class C	15 Amps @ 300 V 14 AWG
CSA	Class B	20 Amps @ 150 V 14 AWG
	Class D	10 Amps @ 300 V 14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V 12 AWG
	Class C	20 Amps @ 300 V 12 AWG
CSA	Class B	20 Amps @ 150 V 12 AWG
	Class D	10 Amps @ 300 V 12 AWG

#8-32 WIRE CLAMP SCREW NRTL/C

Class B	30 Amps @ 150 V 10 AWG
Class D	10 Amps @ 300 V 10 AWG

NOTE: 3.5M and 4.0M screws carry #6-32 and #8-32 screw ratings respectively.

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	8 in.-lbs.
Destructive torque	13 in.-lbs.
Wire strip length	5/16"
Wire range	10 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, tin-lead plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-45-56	Stainless steel screw, slotted
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-A	Oversize screws, #8-32, slotted
-C	No mounting ends
-F	Rap-attach mounts
-M	3.5 M screw, slotted
-P	.040" standoff pads
-V	130°C insulator

HOW TO ORDER

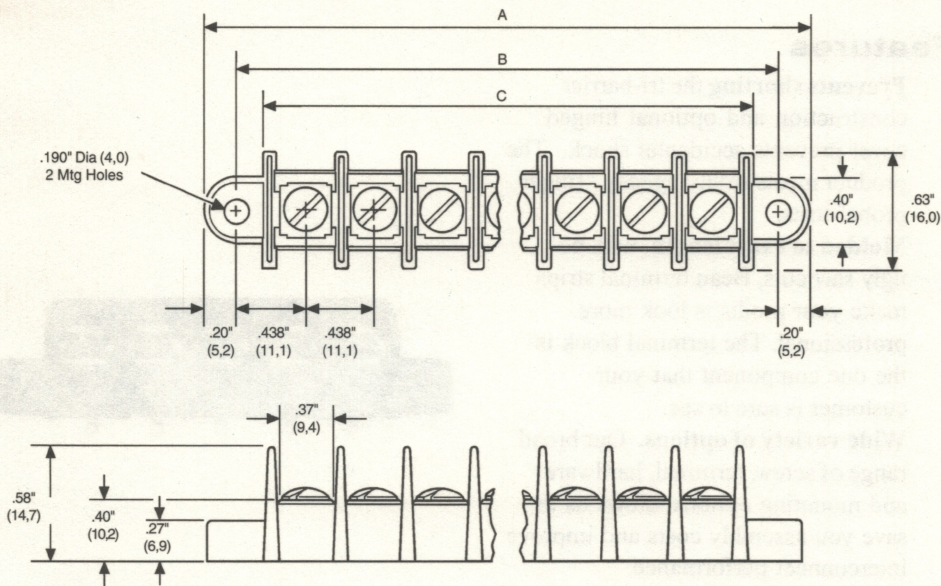
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS
7	4	X	X X
	123	2 to 30	(Dash #s above and opposite page)
	567		
	89		

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 74



No. of Circuits

A

B

C

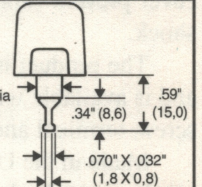
	in.	mm	in.	mm	in.	mm
2	1.71	43,5	1.31	33,4	.97	24,6
3	2.15	54,6	1.75	44,5	1.40	35,7
4	2.59	65,7	2.19	55,6	1.84	46,8
5	3.03	76,8	2.63	66,7	2.28	57,9
6	3.46	88,0	3.06	77,8	2.72	69,0
7	3.90	99,1	3.50	88,9	3.15	80,1
8	4.34	110	3.94	100	3.59	91,2
9	4.78	121	4.38	111	4.03	102
10	5.21	132	4.81	122	4.47	113
11	5.65	144	5.25	133	4.90	125
12	6.09	155	5.69	144	5.34	136
13	6.53	166	6.13	156	5.78	147
14	6.96	177	6.56	167	6.22	158
15	7.40	188	7.00	178	6.65	169
16	7.84	199	7.44	189	7.09	180
17	8.28	210	7.88	200	7.53	191
18	8.71	221	8.31	211	7.97	202
19	9.15	232	8.75	222	8.40	213
20	9.59	244	9.19	233	8.84	225
21	10.03	255	9.63	244	9.28	236
22	10.46	266	10.06	256	9.72	247
23	10.90	277	10.50	267	10.15	258
24	11.34	288	10.94	278	10.59	269
25	11.78	299	11.38	289	11.03	280
26	12.22	310	11.81	300	11.47	291
27	12.65	321	12.25	311	11.90	302
28	13.09	332	12.69	322	12.34	313
29	13.53	344	13.13	333	12.78	325
30	13.96	355	13.56	345	13.22	336

TERMINAL STYLES

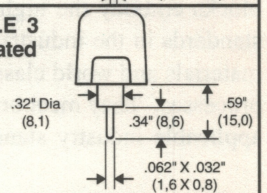
STYLE 1 No PC Terminal



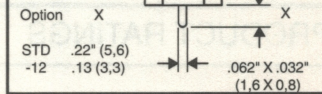
STYLE 2 Insulated Solder Turret



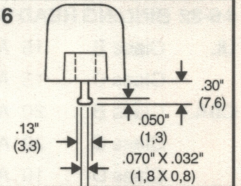
STYLE 3 Insulated PC



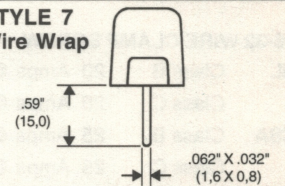
STYLE 5 PC



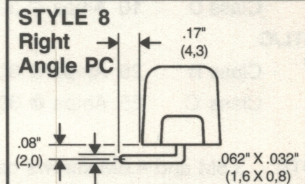
STYLE 6 Solder Turret



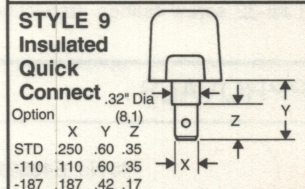
STYLE 7 Wire Wrap



STYLE 8 Right Angle PC



STYLE 9 Insulated Quick Connect



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 75

.375" PCB Tri-Barrier Terminal Strip

Description

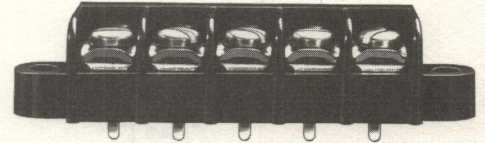
The series 75, tri-barrier PCB terminal strip is designed to meet the demanding requirements of safety agencies. The tri-barrier construction and optional hinged cover prevent shorting and accidental shock.

The product is extremely versatile and is available with a wide range of screw, terminal and hardware options.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Prevents shorting** the tri-barrier construction and optional hinged cover prevents accidental shock. The product meets safety agency "finger probe" tests.
- **Molded to exact length**, with no ugly saw cuts, Beau terminal strips make your products look more professional. The terminal block is the one component that your customer is sure to see.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

#6-32 BINDING HEAD SCREW

UL	Class B	15 Amps @ 250 V 14 AWG
	Class C	15 Amps @ 300 V 14 AWG
CSA	Class B	20 Amps @ 300 V 14 AWG
	Class C	20 Amps @ 300 V 14 AWG
	Class D	10 Amps @ 300 V 14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V 12 AWG
	Class C	20 Amps @ 300 V 12 AWG
CSA	Class B	25 Amps @ 300 V 12 AWG
	Class C	25 Amps @ 300 V 12 AWG
	Class D	10 Amps @ 300 V 12 AWG

NRTL/C

Class B	25 Amps @ 300 V 12 AWG
Class C	25 Amps @ 300 V 12 AWG

NOTE: 3.5M and 4.0M screws carry #6-32 and #8-32 screw ratings respectively.

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	8 in.-lbs.
Destructive torque	13 in.-lbs.
Wire strip length	5/16"
Wire range	12 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

MATERIALS

Insulator	Thermoplastic, UL94V0, black
Terminal	Brass, tin-lead plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-45-56	Stainless steel screws, slotted
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends
-F	Rap-attach mounts
-H	Hinged cover
-M	3.5 M screw, slotted
-P	.040" standoff pads
-V	130°C insulator

HOW TO ORDER

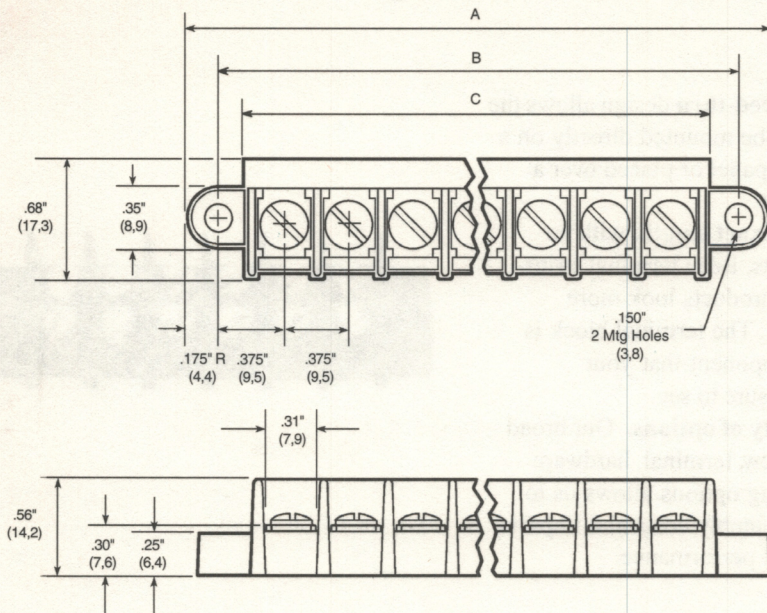
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS
7 5	157	2 to 26	(Dash #s above and opposite page)
X	8		
X X			
X X			

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 75



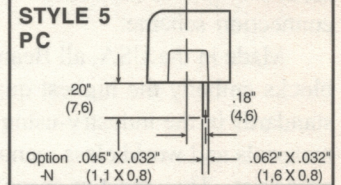
No. of Circuits	A		B		C	
	in.	mm	in.	mm	in.	mm
2	1.48	37,5	1.13	28,7	.82	22,4
3	1.85	47,0	1.50	38,1	1.20	30,4
4	2.23	56,6	1.88	47,8	1.57	39,9
5	2.60	69,9	2.25	57,2	1.95	49,5
6	2.98	75,6	2.63	66,8	2.32	59,0
7	3.35	85,1	3.00	76,2	2.70	68,5
8	3.73	94,6	3.38	85,9	3.07	78,0
9	4.10	104	3.75	95,3	3.45	87,6
10	4.48	114	4.13	105	3.82	97,1
11	4.85	123	4.50	114	4.20	107
12	5.23	133	4.88	124	4.57	116
13	5.60	142	5.25	133	4.95	126
14	5.98	152	5.63	143	5.32	135
15	6.35	161	6.00	152	5.70	145
16	6.73	171	6.38	162	6.07	154
17	7.10	180	6.75	171	6.45	164
18	7.48	190	7.13	181	6.82	173
19	7.85	199	7.50	191	7.20	183
20	8.23	209	7.88	200	7.57	192
21	8.60	218	8.25	210	7.95	202
22	8.98	228	8.63	219	8.32	211
23	9.35	237	9.00	229	8.70	221
24	9.73	247	9.38	238	9.07	230
25	10.10	257	9.75	248	9.45	240
26	10.48	266	10.13	257	9.82	249

TERMINAL STYLES

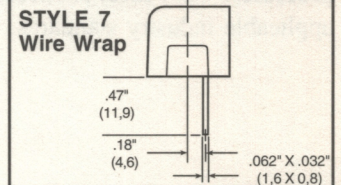
STYLE 1
No PC
Terminal



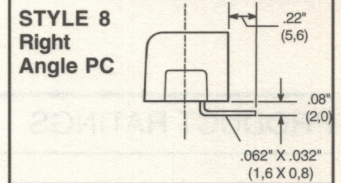
STYLE 5
PC



STYLE 7
Wire Wrap



STYLE 8
Right
Angle PC



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 76

.375" Double Row Barrier Terminal Strip

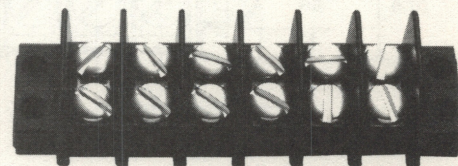
Description

The series 76, double row barrier terminal strip is ideal for making up to 30 wire to wire terminations. The extensive offering of screw, quick connect and solder hardware options can solve virtually any connection scheme.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Closed or feed-thru** design allows the series 76 to be mounted directly on a sheet metal panel or placed over a panel cutout.
- **Molded to exact length**, with no ugly saw cuts, Beau terminal strips make your products look more professional. The terminal block is the one component that your customer is sure to see.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

6-32 BINDING HEAD SCREW

UL	Class B	20 Amps @ 250 V 14 AWG
	Class C	20 Amps @ 150 V 14 AWG
CSA	Class B	20 Amps @ 300 V 14 AWG
	Class C	20 Amps @ 300 V 14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V 12 AWG
	Class C	20 Amps @ 150 V 12 AWG
CSA	Class B	20 Amps @ 300 V 12 AWG
	Class C	20 Amps @ 300 V 12 AWG

NOTE: 3.5M and 4.0M screws carry #6-32 and #8-32 screw ratings respectively.

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	8 in.-lbs.
Destructive torque	13 in.-lbs.
Wire strip length	5/16"
Wire range	12 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

MATERIALS

Insulator	Thermoplastic, UL94V0, black
Terminal Screws	Brass, nickel plate #6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-45-56	Stainless steel screws, slotted
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-60	One row screws unassembled
-61	One row screws not supplied
-C	No mounting ends
-V	130°C insulator
-M	3.5 M screw, slotted

HOW TO ORDER

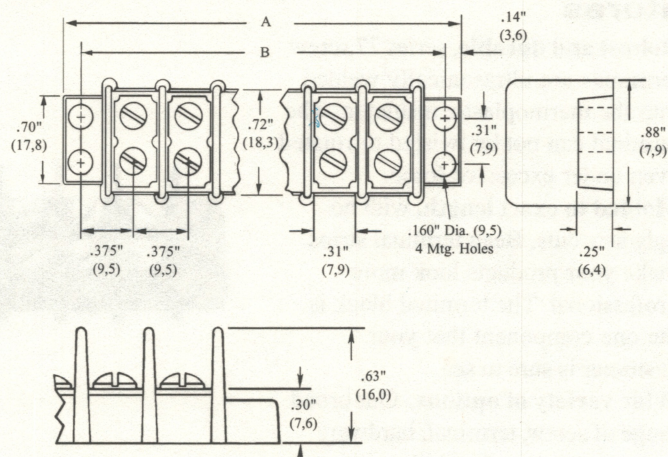
7	6	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS		
	012	2 to 30	(Dash #s above		
	345		and		
	67		opposite page)		

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 76



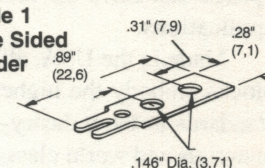
No. of Circuits	A		B	
	in.	mm	in.	mm
2	1.41	35,8	1.13	28,7
3	1.78	45,2	1.50	38,1
4	2.16	54,9	1.88	47,8
5	2.53	64,3	2.25	57,2
6	2.91	73,9	2.63	66,8
7	3.28	83,3	3.00	76,2
8	3.66	93,1	3.38	85,9
9	4.03	102	3.75	95,3
10	4.41	112	4.13	105
11	4.78	121	4.50	114
12	5.16	131	4.88	124
13	5.53	140	5.25	133
14	5.91	150	5.63	143
15	6.28	160	6.00	152
16	6.66	169	6.38	162
17	7.03	179	6.75	171
18	7.41	188	7.13	181
19	7.78	198	7.50	191
20	8.16	207	7.88	200
21	8.53	217	8.25	210
22	8.91	226	8.63	219
23	9.28	236	9.00	229
24	9.66	245	9.38	238
25	10.03	255	9.75	248
26	10.41	264	10.13	257
27	10.78	274	10.50	267
28	11.16	283	10.88	276
29	11.53	293	11.25	286
30	11.91	303	11.63	295

TERMINAL STYLES

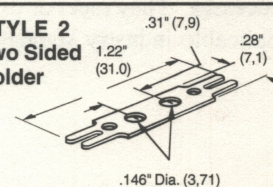
STYLE 0
Screw
Terminal



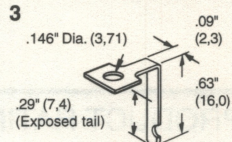
Style 1
One Sided
Solder



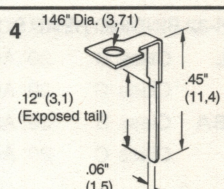
STYLE 2
Two Sided
Solder



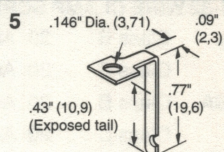
STYLE 3
Short
Solder



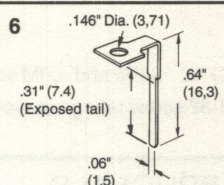
STYLE 4
Short
PC



STYLE 5
Long
Solder



STYLE 6
Long
PC



Style 7
Wire Wrap



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 77

.375" Double Row Low Profile Barrier Terminal Strip

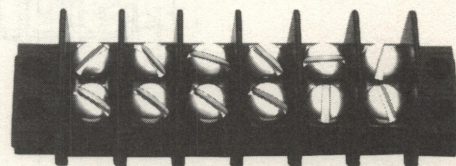
Description

The series 77 is the low profile version of our popular series 76 double row barrier terminal strip. The wide variety of screw, quick connect and solder hardware options can solve the most demanding applications.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry—using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Robust and durable**, series 77 screw terminals are ultrasonically welded into the thermoplastic insulator. The terminal can not be twisted or rotated even under excessive force.
- **Molded to exact length**, with no ugly saw cuts, Beau terminal strips make your products look more professional. The terminal block is the one component that your customer is sure to see.
- **Wide variety of options**. Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

#6-32 BINDING HEAD SCREW

UL	Class B	20 Amps @ 250 V 14 AWG
	Class C	20 Amps @ 150 V 14 AWG
CSA	Class B	20 Amps @ 150 V 14 AWG
	Class C	20 Amps @ 150 V 14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V 12 AWG
	Class C	20 Amps @ 150 V 12 AWG
CSA	Class B	20 Amps @ 150 V 12 AWG
	Class C	20 Amps @ 150 V 12 AWG

NOTE: 3.5M and 4.0M screws carry #6-32 and #8-32 screw ratings respectively.

APPROVALS

UL	File No. E48521 Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	8 in.-lbs.
Destructive torque	13 in.-lbs.
Wire strip length	5/16"
Wire range	12 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

MATERIALS

Insulator	Thermoplastic, UL94V0, black
Terminal	Brass, nickel plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-45-56	Stainless steel screws, slotted
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-60	One row screws unassembled
-61	One row screws not supplied
-C	No mounting ends
-V	130°C insulator
-M	3.5 M screw, slotted

HOW TO ORDER

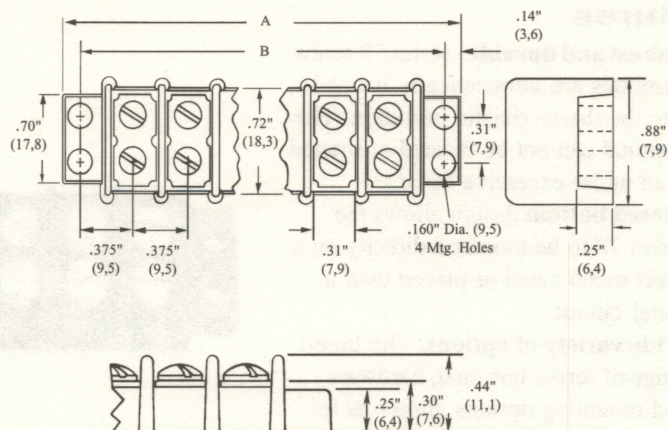
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS
7 7	X	X X	X X
	012	2 to 30	(Dash #s above and opposite page)
	345		
	67		

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 77



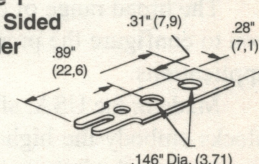
No. of Circuits	A		B	
	in.	mm	in.	mm
2	1.41	35,8	1.13	28,7
3	1.78	45,2	1.50	38,1
4	2.16	54,9	1.88	47,8
5	2.53	64,3	2.25	57,2
6	2.91	73,9	2.63	66,8
7	3.28	83,3	3.00	76,2
8	3.66	93,1	3.38	85,9
9	4.03	102	3.75	95,3
10	4.41	112	4.13	105
11	4.78	121	4.50	114
12	5.16	131	4.88	124
13	5.53	140	5.25	133
14	5.91	150	5.63	143
15	6.28	160	6.00	152
16	6.66	169	6.38	162
17	7.03	179	6.75	171
18	7.41	188	7.13	181
19	7.78	198	7.50	191
20	8.16	207	7.88	200
21	8.53	217	8.25	210
22	8.91	226	8.63	219
23	9.28	236	9.00	229
24	9.66	245	9.38	238
25	10.03	255	9.75	248
26	10.41	264	10.13	257
27	10.78	274	10.50	267
28	11.16	283	10.88	276
29	11.53	293	11.25	286
30	11.91	303	11.63	295

TERMINAL STYLES

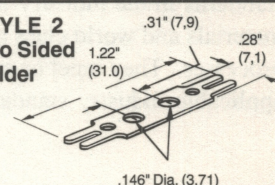
STYLE 0 Screw Terminal



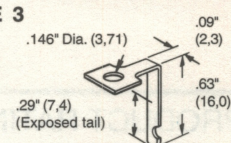
Style 1 One Sided Solder



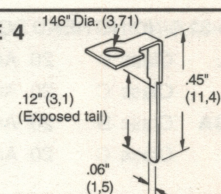
STYLE 2 Two Sided Solder



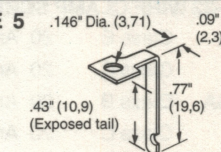
STYLE 3 Short Solder



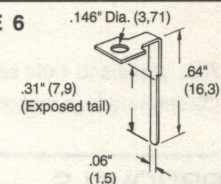
STYLE 4 Short PC



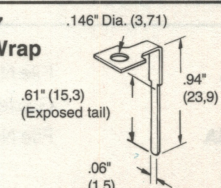
STYLE 5 Long Solder



STYLE 6 Long PC



Style 7 Wire Wrap



BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

SERIES 78

.438" Double Row Barrier Terminal Strip

Description

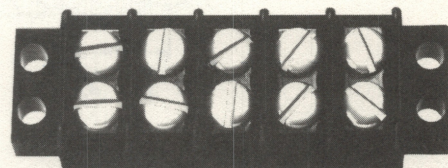
The series 78, double row barrier terminal strip is our choice for wire terminations up to 30 Amps. The product is one of the most cost effective selections for up to 30 power interconnections.

The broad range of options allows you to configure the product for many applications.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Robust and durable**, series 78 screw terminals are ultrasonically welded into the thermoplastic insulator. The terminal can not be twisted or rotated even under excessive force.
- **Closed bottom** design allows the series 78 to be mounted directly on a sheet metal panel or placed over a panel cutout.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

#6-32 BINDING HEAD SCREW

UL	Class B	20 Amps @ 250 V 14 AWG
	Class C	20 Amps @ 300 V 14 AWG
CSA	Class B	20 Amps @ 300 V 14 AWG
	Class C	20 Amps @ 300 V 14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 250 V 12 AWG
	Class C	20 Amps @ 300 V 12 AWG
CSA	Class B	20 Amps @ 300 V 12 AWG
	Class C	20 Amps @ 300 V 12 AWG

NOTE: 3.5M and 4.0M screws carry #6-32 and #8-32 screw ratings respectively.

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	8 in.-lbs.
Destructive torque	13 in.-lbs.
Wire strip length	5/16"
Wire range	12 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, nickel plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

-45	Slotted screw
-45-56	Stainless steel screws, slotted
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-60	One row screws unassembled
-61	One row screws not supplied
-C	No mounting ends
-V	130°C insulator

HOW TO ORDER

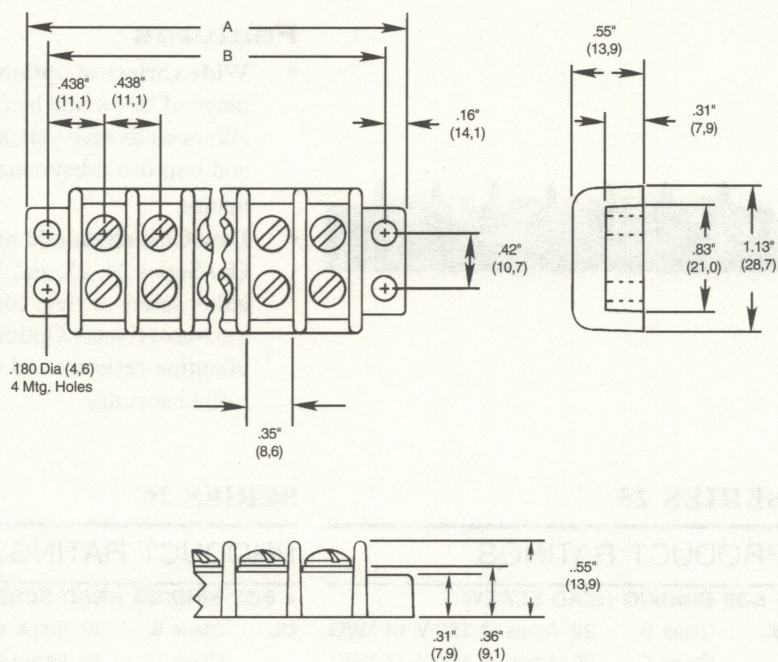
7	8	X	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS			
	0 3 5	2 to 30	(Dash #s above and opposite page)			
	6 7					

*Consult factory for combinations of screw options.

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

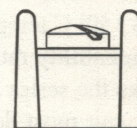
SERIES 78



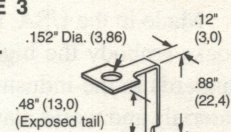
No. of Circuits	A		B	
	in.	mm	in.	mm
2	1.63	41,4	1.31	33,3
3	2.06	52,3	1.75	44,5
4	2.50	63,5	2.19	55,6
5	2.94	74,7	2.63	66,8
6	3.38	85,9	3.06	77,7
7	3.81	96,8	3.50	88,9
8	4.25	108	3.94	100
9	4.69	119	4.38	111
10	5.13	130	4.81	122
11	5.56	141	5.25	133
12	6.00	152	5.69	145
13	6.44	164	6.13	156
14	6.88	175	6.56	167
15	7.31	186	7.00	178
16	7.75	197	7.44	189
17	8.19	208	7.88	200
18	8.63	219	8.31	211
19	9.06	230	8.75	222
20	9.50	241	9.19	233
21	9.94	252	9.63	245
22	10.38	264	10.06	256
23	10.81	275	10.50	267
24	11.25	286	10.94	278
25	11.69	297	11.38	289
26	12.13	308	11.81	300
27	12.56	319	12.25	311
28	13.00	330	12.69	322
29	13.44	341	13.13	334
30	13.88	353	13.56	344

TERMINAL STYLES

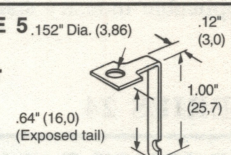
STYLE 0
Screw
Terminal



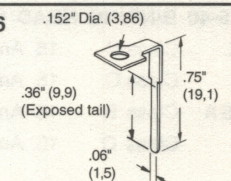
STYLE 3
Short
Solder



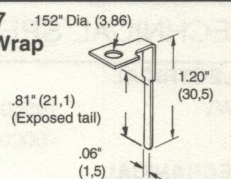
STYLE 5
Long
Solder



Style 6
PC
Long



Style 7
Wire Wrap



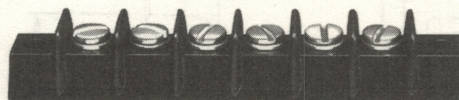
SERIES 24**SERIES 25****SERIES 26**

Riveted Quick Connect Assemblies

Description

The 150° C temperature rating, UL94V-0 flammability rating and robust terminals make the series 24, 25 and 26 the choice for your most demanding applications.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry—using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.



Features

- **Wide variety of options.** Our broad range of screw and hardware options allows us to save you assembly costs and improve interconnect performance
- **Low-Cost rivets add more security.** Our Series 24, 25, and 26 come with either screw or rivet construction. Low-cost rivets (Option -R) are vibration-resistant and offer greater infield security.

SERIES 24

PRODUCT RATINGS

5-40 BINDING HEAD SCREW

UL	Class B	15 Amps @ 250 V 14 AWG
	Class C	15 Amps @ 150 V 14 AWG
CSA	Class B	15 Amps @ 300 V 14 AWG
	Class C	15 Amps @ 300 V 14 AWG

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	8 in.-lbs.
Destructive torque	9 in.-lbs.
Wire strip length	5/16"
Wire range	16 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

MATERIALS

Insulator	General purpose phenolic, UL94HB, black
Terminal	Brass, nickel plate
Screws	#5-40, phillips/slotted, steel, zinc chromate plate

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

SERIES 25

PRODUCT RATINGS

6-32 BINDING HEAD SCREW

UL	Class B	20 Amps @ 250 V 14 AWG
	Class C	20 Amps @ 150 V 14 AWG
CSA	Class B	20 Amps @ 300 V 14 AWG
	Class C	30 Amps @ 300 V 14 AWG

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	12 in.-lbs.
Destructive torque	13 in.-lbs.
Wire strip length	5/16"
Wire range	14 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

MATERIALS

Insulator	General purpose phenolic, UL94HB, black
Terminal	Brass, nickel plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

SERIES 26

PRODUCT RATINGS

8-32 BINDING HEAD SCREW

UL	Class B	30 Amps @ 250 V 14 AWG
	Class C	30 Amps @ 300 V 14 AWG
CSA	Class B	30 Amps @ 300 V 14 AWG
	Class C	30 Amps @ 300 V 14 AWG

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	16 in.-lbs.
Destructive torque	18 in.-lbs.
Wire strip length	5/16"
Wire range	10 to 24 AWG

ENVIRONMENTAL

Operating temp	-55° to +105° C
----------------	-----------------

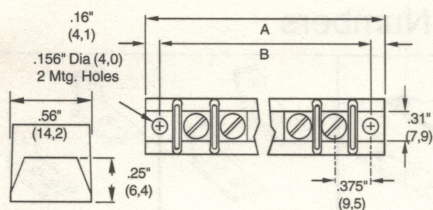
MATERIALS

Insulator	General purpose phenolic, UL94HB, black
Terminal	Brass, nickel plate
Screws	#8-32, phillips/slotted, steel, zinc chromate plate

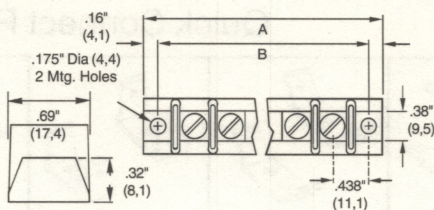
APPROVALS

UL	File No. E48521
	Guide No. XCFR2
CSA	File No. 025562

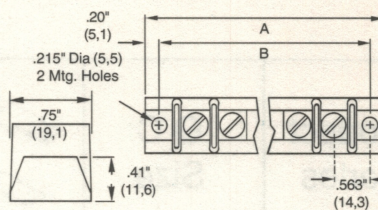
SERIES 24



SERIES 25



SERIES 26



OPTIONS

- 45 Slotted screw
- 49 Brass, slotted screw
- 58 No screws, barrier only
- 59 Screws supplied unassembled
- C No mounting ends
- R Rivet mounted quick-connects
- 1210 Double QC - flat
- 1211 Double QC - 45 degree
- 1212 Double QC - 90 degree
- 1213 Single QC - flat
- 1214 Single QC - 45 degree
- 1215 Single QC - 90 degree

OPTIONS

- 45 Slotted screw
- 49 Brass, slotted screw
- 50 Clamp washer, phillips/slotted
- 58 No screws, barrier only
- 59 Screws supplied unassembled
- C No mounting ends
- R Rivet mounted quick-connects
- 7310 Double QC - flat
- 7311 Double QC - 45 degree
- 7312 Double QC - 90 degree
- 7313 Single QC - flat
- 7314 Single QC - 45 degree
- 7315 Single QC - 90 degree

OPTIONS

- 45 Slotted screw
- 49 Brass, slotted screw
- 50 Clamp washer, phillips/slotted
- 58 No screws, barrier only
- 59 Screws supplied unassembled
- C No mounting ends
- R Rivet mounted quick-connects
- 2610 Double QC - flat
- 2611 Double QC - 45 degree
- 2612 Double QC - 90 degree
- 2613 Single QC - flat
- 2614 Single QC - 45 degree
- 2615 Single QC - 90 degree

No. of Cir	A		B	
	in	mm	in	mm
2	1.41	32,8	1.13	28,7
3	1.78	45,2	1.50	38,1
4	2.16	54,9	1.88	47,8
5	2.53	64,3	2.25	57,2
6	2.91	73,9	2.63	66,8
7	3.28	83,3	3.00	76,2
8	3.66	93,0	3.38	85,9
9	4.03	102	3.75	95,3
10	4.41	112	4.13	105
11	4.78	121	4.50	114
12	5.16	131	4.88	124
13	5.53	140	5.25	133
14	5.91	150	5.63	143
15	6.28	160	6.00	152
16	6.66	169	6.38	162
17	7.03	179	6.75	171
18	7.41	188	7.13	181
19	7.78	198	7.50	191
20	8.16	207	7.88	200
21	8.53	217	8.25	210
22	8.91	226	8.63	219
23	9.28	236	9.00	229
24	9.66	245	9.38	238
25	10.03	255	9.75	248
26	10.41	264	10.13	257
27	10.78	274	10.50	267
28	11.16	283	10.88	276
29	11.53	293	11.25	286
30	11.91	303	11.63	295

No. of Cir	A		B	
	in	mm	in	mm
2	1.63	41,3	1.31	33,3
3	2.06	52,3	1.75	44,5
4	2.50	63,6	2.19	55,6
5	2.94	74,8	2.63	66,8
6	3.38	85,7	3.06	77,7
7	3.81	96,6	3.50	88,9
8	4.25	108	3.94	100
9	4.69	119	4.38	111
10	5.13	130	4.81	122
11	5.56	141	5.25	133
12	6.00	153	5.69	145
13	6.44	164	6.13	156
14	6.88	175	6.56	167
15	7.31	186	7.00	178
16	7.75	197	7.44	189
17	8.19	208	7.88	200
18	8.63	219	8.31	211
19	9.06	230	8.75	222
20	9.50	241	9.19	233
21	9.94	253	9.63	245
22	10.38	264	10.06	256
23	10.81	275	10.50	267
24	11.25	286	10.94	278
25	11.69	297	11.38	289
26	12.12	308	11.81	300
27	12.56	319	12.25	311
28	13.00	330	12.69	322
29	13.44	341	13.13	333
30	13.88	353	13.56	345

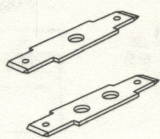
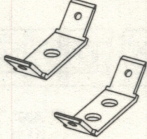
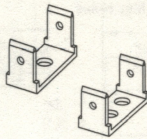
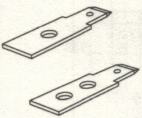
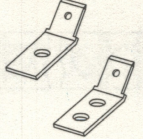
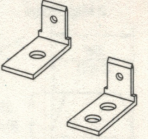
No. of Cir	A		B	
	in	mm	in	mm
2	2.09	53,2	1.69	42,9
3	2.66	67,5	2.25	57,2
4	3.22	81,7	2.81	71,4
5	3.78	96,0	3.37	85,7
6	4.34	110	3.94	100
7	4.91	125	4.50	114
8	5.47	139	5.06	129
9	6.03	153	5.62	143
10	6.59	167	6.19	157
11	7.16	182	6.75	171
12	7.72	196	7.31	186
13	8.28	210	7.88	200
14	8.84	225	8.44	214
15	9.41	239	9.00	229
16	9.97	253	9.56	243
17	10.53	268	10.13	257
18	11.09	282	10.69	271

BEAU
INTERCONNECT

Division of Vernitron Corporation
Laconia, NH 03247-0010
Phone (603) 524-5102
Fax (603) 524-1627

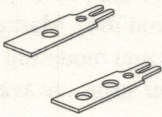
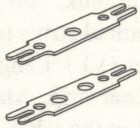
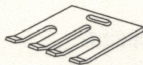
Hardware Options

Quick Connect Part Numbers

Product Series	Q C Size						
12	.187	1210	1211	1212	1213	1214	1215
13	.250	1310	1311	1312	1313	1314	1315
14	.187	1410	1411	1412	1413	1414	1415
18 & 19	.250	1810	1811	1812	1813	1814	1815
21 & 21-CB	.250	2110	2111	2112	2113	2114	2115
24	.187	1210	1211	1212	1213	1214	1215
25	.250	7310	7311	7312	7313	7314	7315
26	.250	2610	2611	2612	2613	2614	2615
60	.110	-	-	-	2313	2314	2315
61	.110	2310	2311	2312	2313	2314	2315
69	.187	-	-	-	7013	7014	7015
70	.187	7010	7011	7012	7013	7014	7015
71	.187 .250	1210 -	1211 -	1212 -	1213 1813H	1214 1814H	1215 1815H
72	.187 .250	1210 -	1211 -	1212 -	1213 1813H	1214 1814H	1215 1815H
73	.250	7310	7311	7312	7313	7314	7315
74	.250	7310	7311	7312	7313	7314	7315
75	.187 .250	- -	- -	- -	1213 1813H	1214 1814H	1215 1815H
76	.187	1410	1411	1412	1413	1414	1415
77	.187	1410	1411	1412	1413	1414	1415
78	.250	1810	1811	1812	1813	1814	1815

Hardware Options

Solder Tabs, Jumpers and Straddle Plate Part Numbers

Product Series							
12	121	122	1431	1432	7233/XX	-	-
13	131	132	1831	1832	-	7833	-
14	141	142	1431	1432	7233/XX	-	1430
18 & 19	181	182	1831	1832	-	7833	1830
21 & 21-CB	211	212	2131	2132	-	-	2130
24	121	122	1431	1432	7233/XX	-	-
25	131	132	1831	1832	-	7833	-
26	261	262	2631	2632	-	-	-
28	281	282	2831	-	-	-	-
60 & 61	231	232	-	-	-	-	-
69	701	-	-	-	7033/XX	-	-
70	701	-	-	-	7033/XX	-	-
71	121	122	1431	1432	7233/XX	-	-
72	121	122	7231	7232	7233/XX	-	-
73	-	-	7331	7332	-	7833	-
74	131	132	1831	1832	-	7833	-
75	121	-	7231	7232	7233/XX	-	-
76	141	142	7631	7632	7233/XX	-	-
77	141	142	1431	1432	7233/XX	-	-
78	-	-	1831	1832	-	-	-

IMPRINTING & MARKER STRIPS

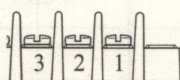
IMPRINTING

All Beau barrier terminal strips may be furnished with imprinting (option) directly on the side of the strips. Imprinting on both sides is also available, except for Series 60, 69 and 75. These closed-side barrier terminal strips may be imprinted on the open side and/or on the top of the closed side.

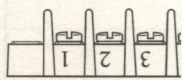
Imprinting character height is .070 for series 10 and 60, and .135 for all others. To order add dash number to catalog number.



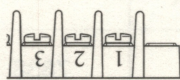
-10A



-11A



-10B



-11B



-10C



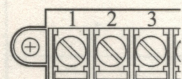
-11C



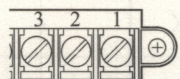
-10D



-11D



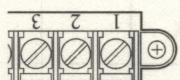
-10AT



-11AT



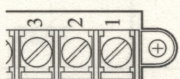
-10BT



-11BT



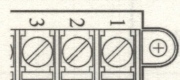
-10CT



-11CT



-10DT



-11DT

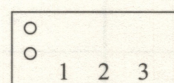
MARKER STRIPS

Marker strips are available in bulk, 100 piece lots, or they may be bonded to the bottom of barrier terminal strips (option -66). Marker strips are furnished in vulcanized fiber (VF). Lengths and mounting centers are the same as for the barrier terminal strip. Marker strips are available for the barrier terminal strips listed in the table.

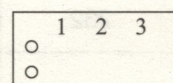
They are available with clearance holes for feed-thru terminals. Style 101 is standard; for non-feed-thru, style 301 for feed-thru; other hole and imprinting arrangements, in addition to the ones illustrated, are available, consult factory.

Series	Width	Imprint Height
14	1.13" (28,7)	0.135" (3,4)
18 & 78	1.31" (33,3)	0.135" (3,4)
21 & 22	1.50" (38,1)	0.135" (3,4)
76 & 77	1.13" (28,7)	0.135" (3,4)

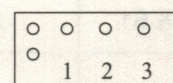
Lengths and mounting centers are the same as for the barrier terminal strip.



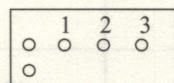
STYLE 101



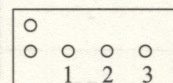
STYLE 201



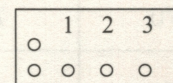
STYLE 301



STYLE 401



STYLE 501



STYLE 601

HOW TO ORDER

V F 1 4 0 1 2 1 0 1

SERIES

NO. OF
POLES

OPTION
101-601

GUIDE TO ELECTRICAL RATINGS

AGENCY APPROVALS

All Beau Interconnect barrier terminal strip products are recognized and certified to the standards set by Underwriters Laboratories, UL and the Canadian Standards Agency, CSA.

Beau UL recognized products are listed under File No. E48521, Guide No. XCFR2. Beau CSA certifications are listed under CSA Certification No. 025562W0000

For information regarding product performance relating to other specifications such as NEMA, IEC, VDE, etc. Please contact your Beau Interconnect service representative.

COMPARING RATINGS

Care must be taken when making a barrier terminal block selection as the use of ratings differ between manufacturers. A single product may have several performance ratings depending on the options selected.

Many manufacturers only list the maximum performance rating in their literature and it is highly possible that the product configuration selected by the user is of a lower rating. At Beau Interconnect, we provide all applicable ratings in our literature to insure your proper selection.

Often the current rating of a barrier terminal strip is limited by the maximum wire gauge and not the product terminal itself. By selecting a clamp washer screw or a larger screw size, the maximum wire gauge can be increased, significantly increasing the product current rating.

CURRENT RATINGS

All UL and CSA approved terminal blocks are rated at a maximum 30° C temperature rise over a 25° C ambient condition. All products are tested with the use of a thermocouples imbedded in the wire to terminal junctions. The wire has a 8 foot service loop to simulate field conditions.

Actual product performance may exceed approved ratings as tests are only conducted by the agencies at the current rating requested by the manufacturer.

Performance at full 30° C heat rise or at the maximum insulator temperature rating may be much higher than the listed rating and allowable under a "system level" approval of the electronic or electrical equipment. Please contact your Beau Interconnect service representative for advice in this area.

VOLTAGE RATINGS

All UL and CSA approved terminal blocks are rated for maximum voltage on the basis of the physical spacings through which an electrical arc might travel. Products must meet spacings requirements for arcs through the air and over the surface of the product.

Four classes of service are identified:

- Class A - Service Equipment
- Class B - Commercial Appliances
- Class C - General Industrial
- Class C - General Industrial limited to 1 Hp

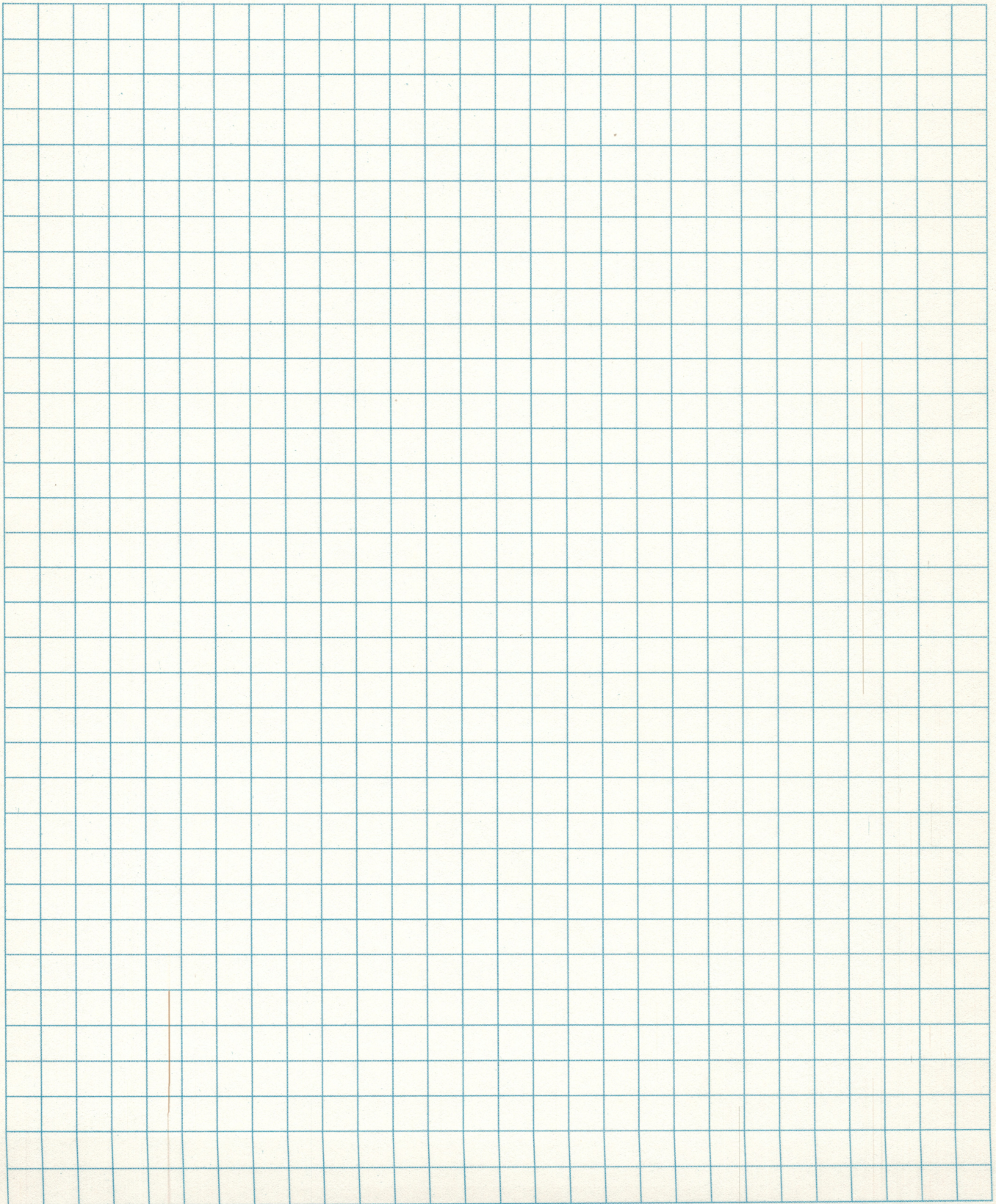
Most often barrier terminal strip products are rated in classes B, C & D. A table of the applicable spacings and service classes can be found below.

Voltage		Minimum Spacings	
		Thru Air	Over Surface
Class A	51-125	.500"	.750"
	126-250	.750"	1.25"
	251-600	1.00"	2.00"
Class B	51-125	.063"	.063"
	126-250	.094"	.094"
	251-600	.375"	.500"
Class C	51-125	.125"	.250"
	126-300	.250"	.375"
	301-600	.375"	.500"
Class C limited	51-300	.063"	.125"
	301-600	.188"	.375"

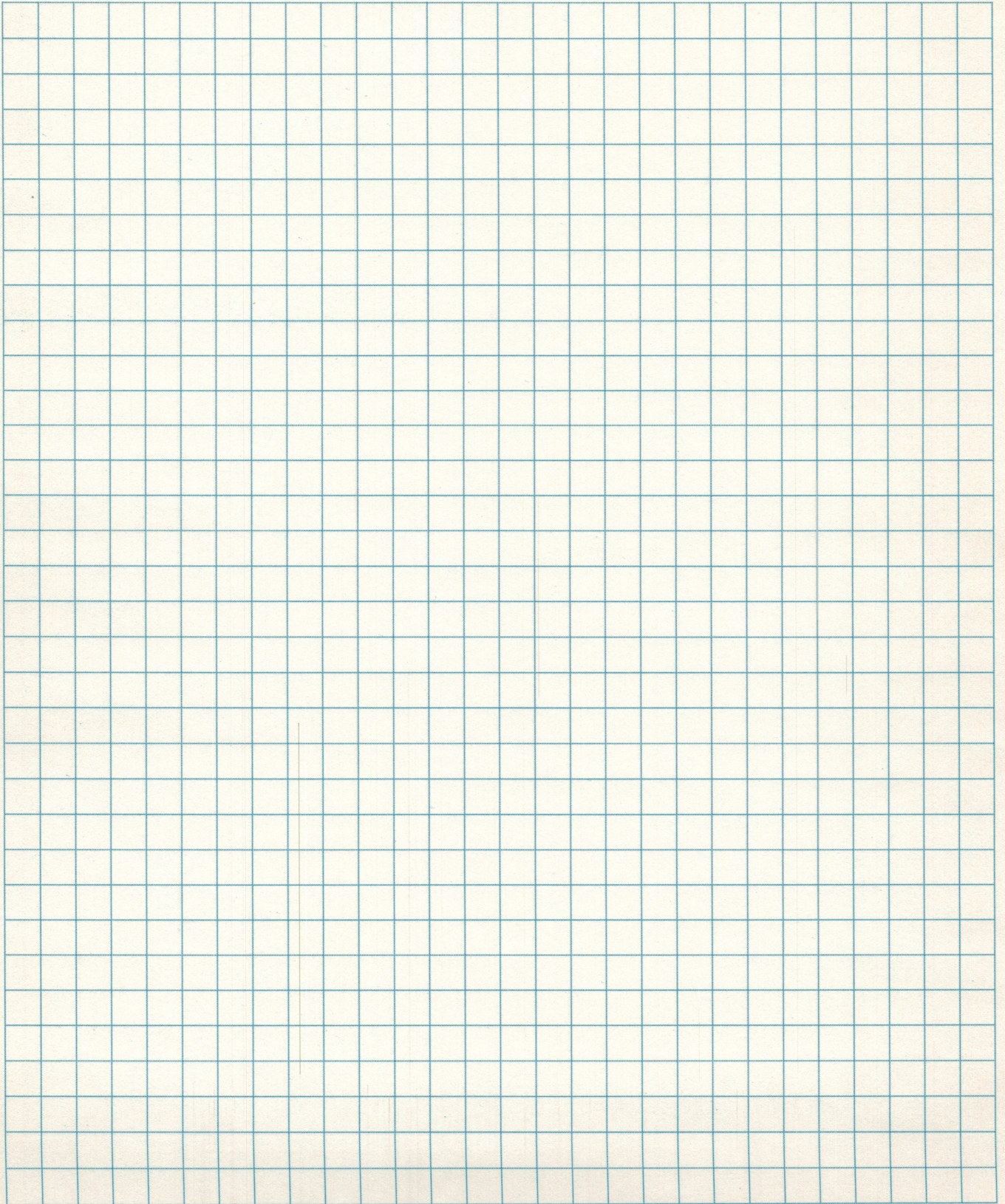
Engineering Notes

[illegible]

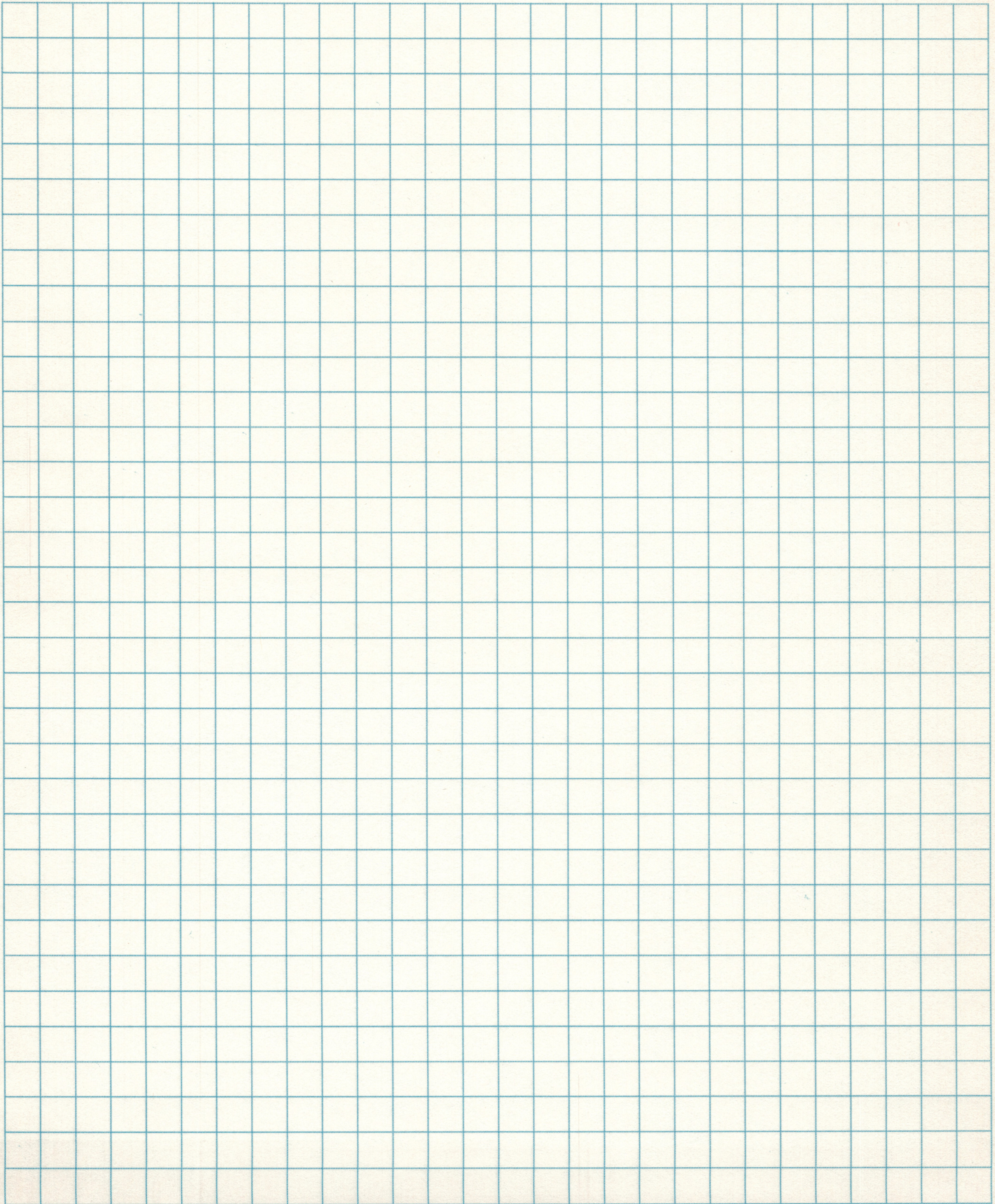
Engineering Notes



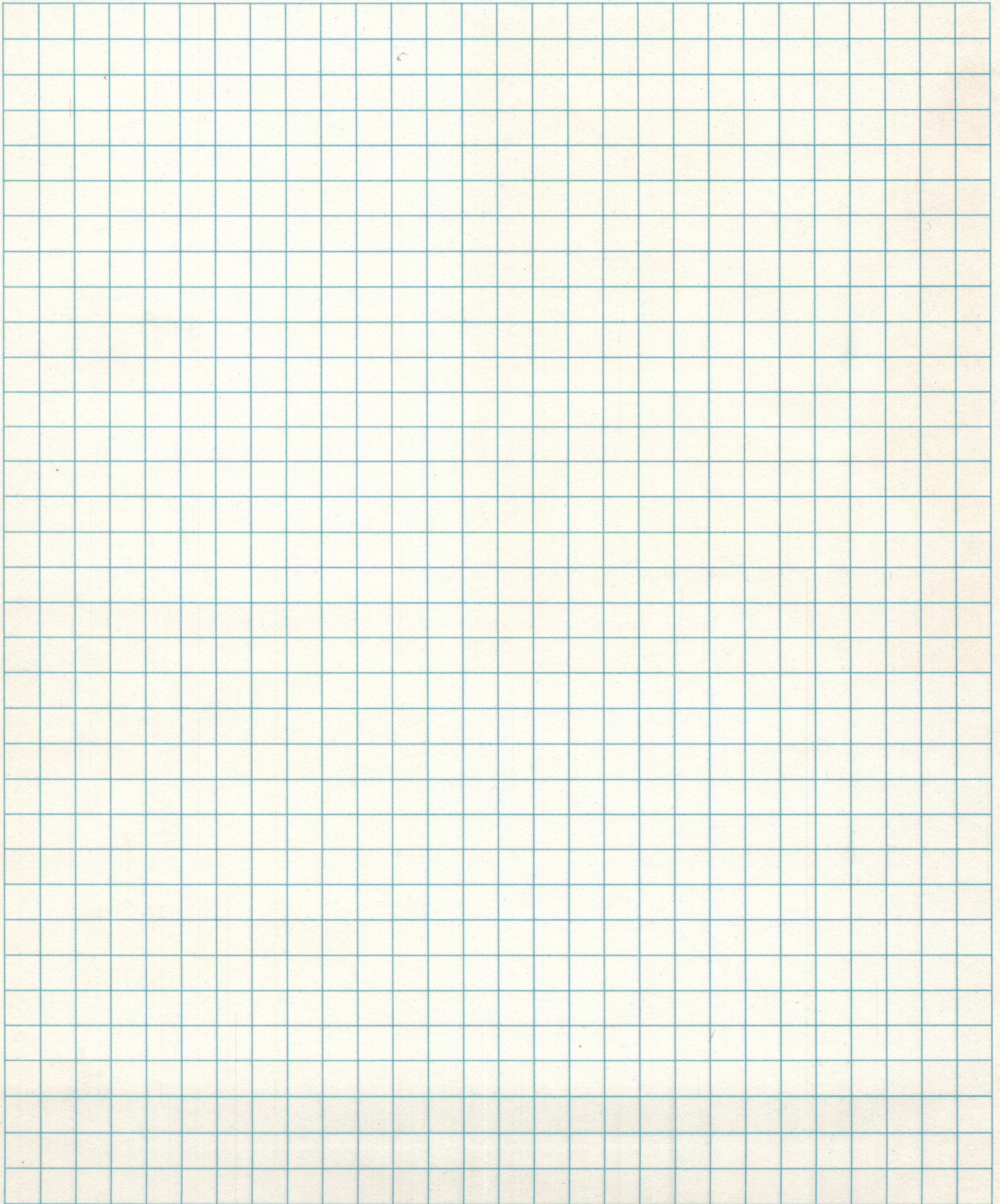
Engineering Notes



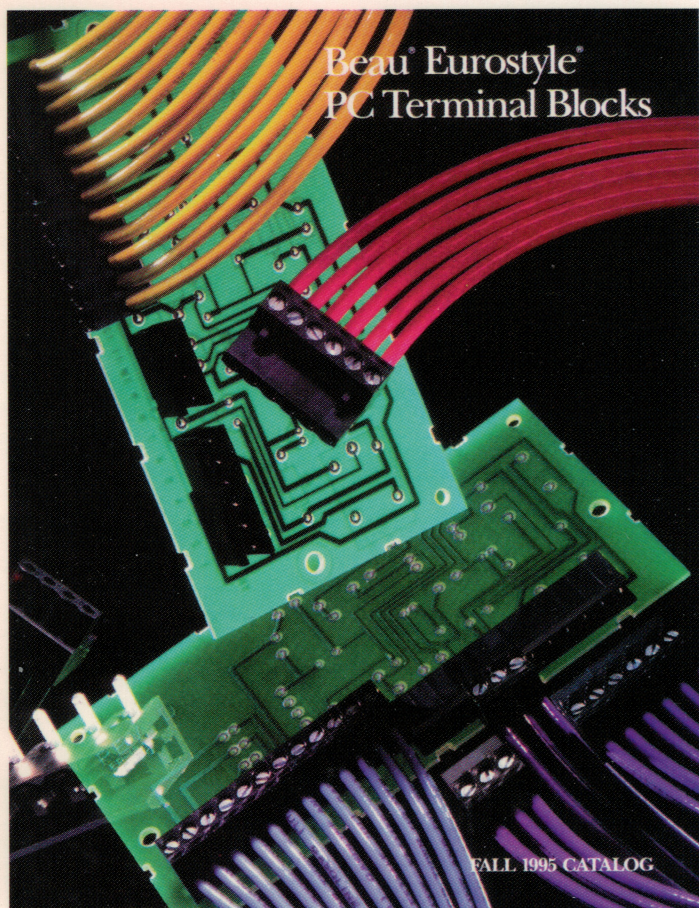
Engineering Notes



Engineering Notes



Beau Interconnect is pleased to offer these other fine products



Beau® Eurostyle® PC Terminal Blocks

- 3.5mm, 5.0mm & 5.08mm spacings
- Pluggable and fixed PCB styles
- Horizontal, vertical and 45° wire entry
- Rising clamp or screw with protector construction

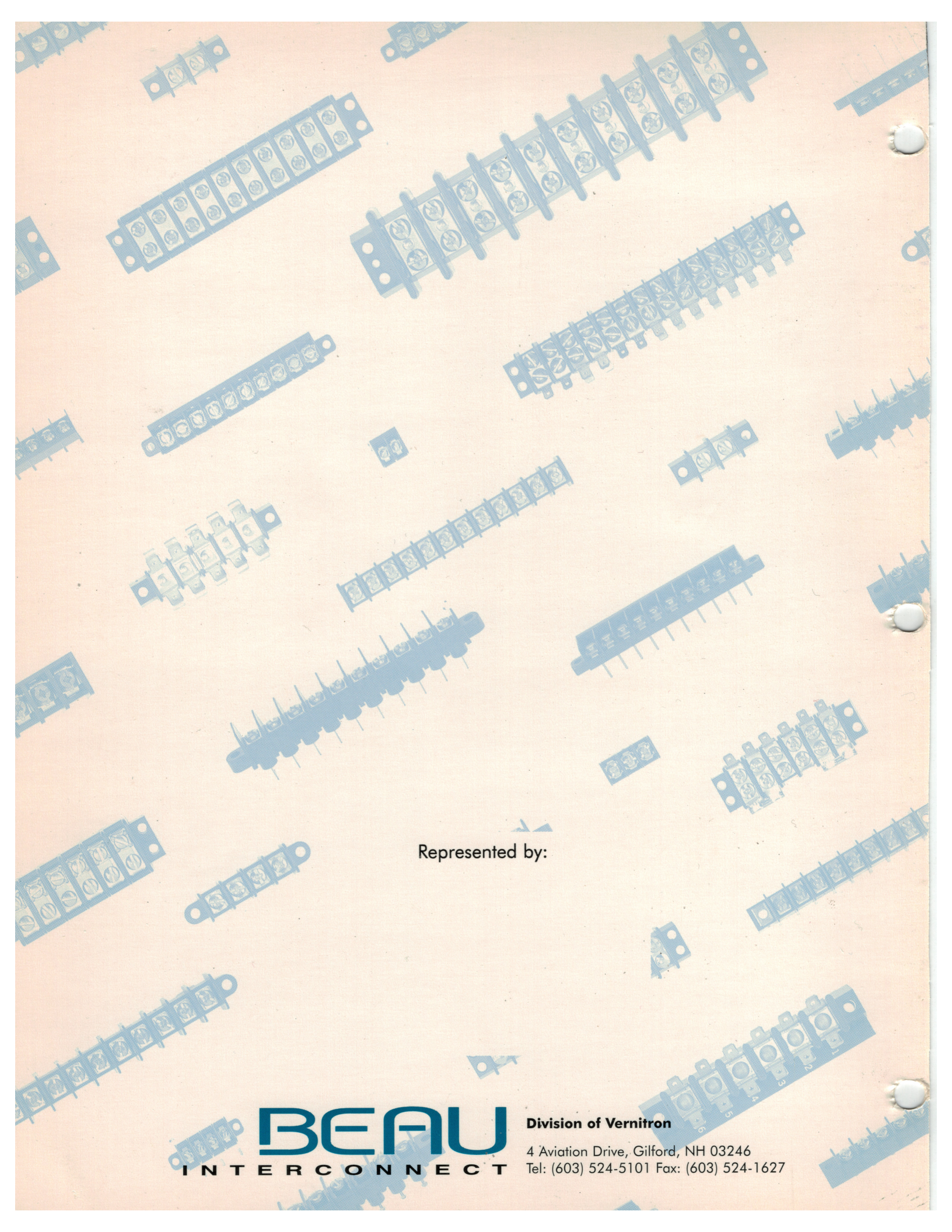
Beau Plug and Socket Connectors

- 10 or 15 Amp per contact designs
- 250 Volt ratings (750 or 1750 Volt per contact)
- Solder, quick connect or PCB terminations
- Polarization, keying and pre-ground options
- Wide variety of backshell and mounting bracket options



BEAU
INTERCONNECT

For more information call:
(888) BEAUINT (232-8468)



Represented by:

BEAU
INTERCONNECT

Division of Vernitron

4 Aviation Drive, Gilford, NH 03246
Tel: (603) 524-5101 Fax: (603) 524-1627